

FIG. 1

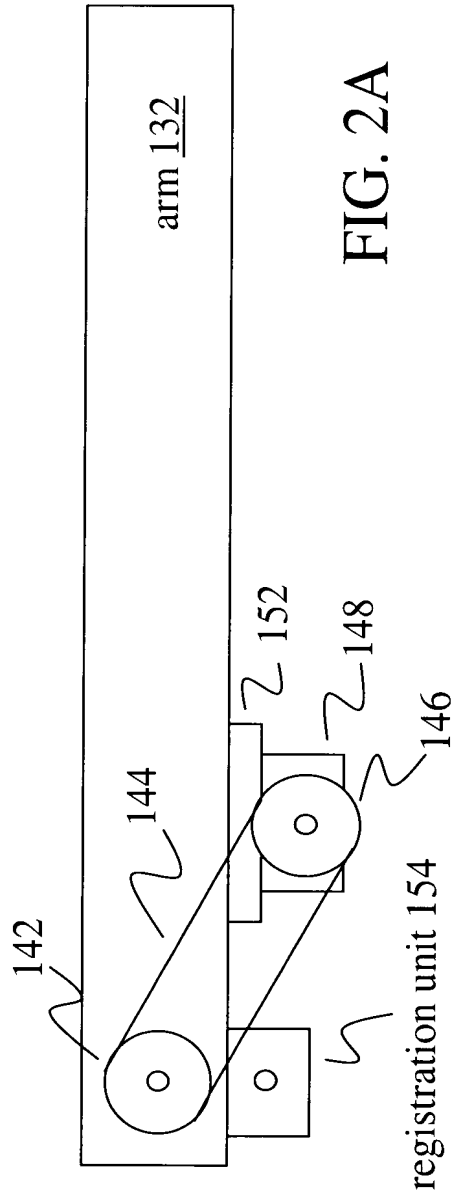


FIG. 2A

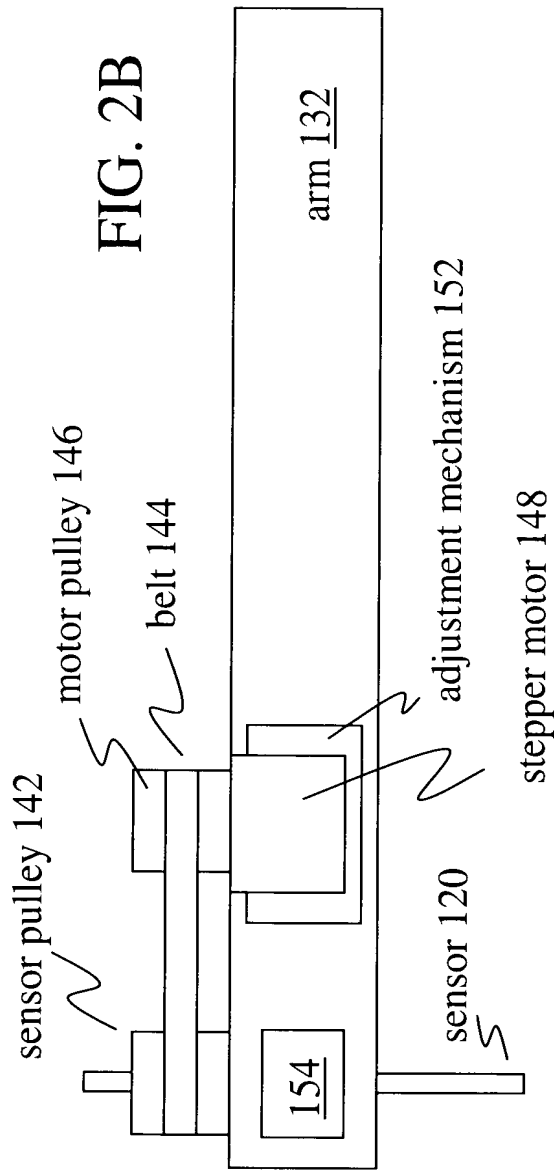


FIG. 2B

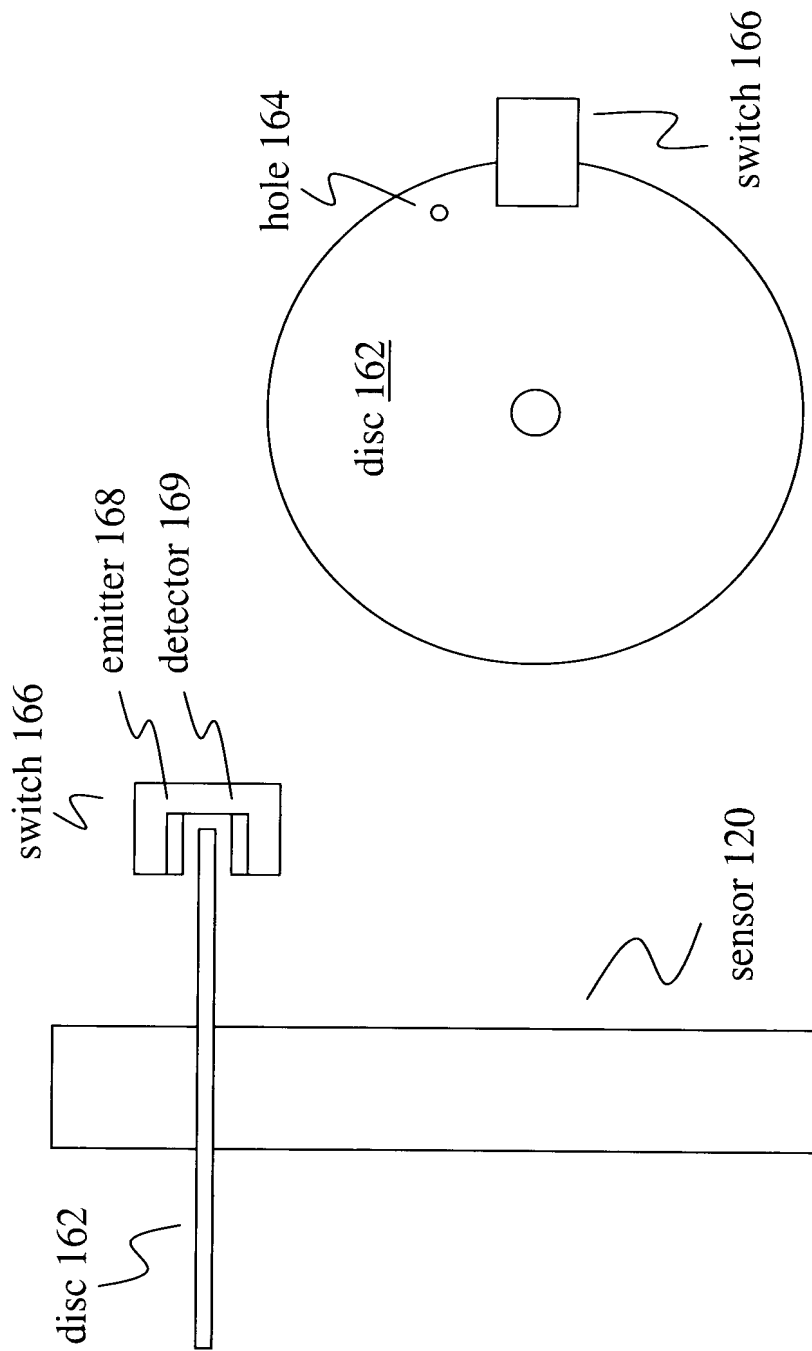


FIG. 3A

FIG. 3B

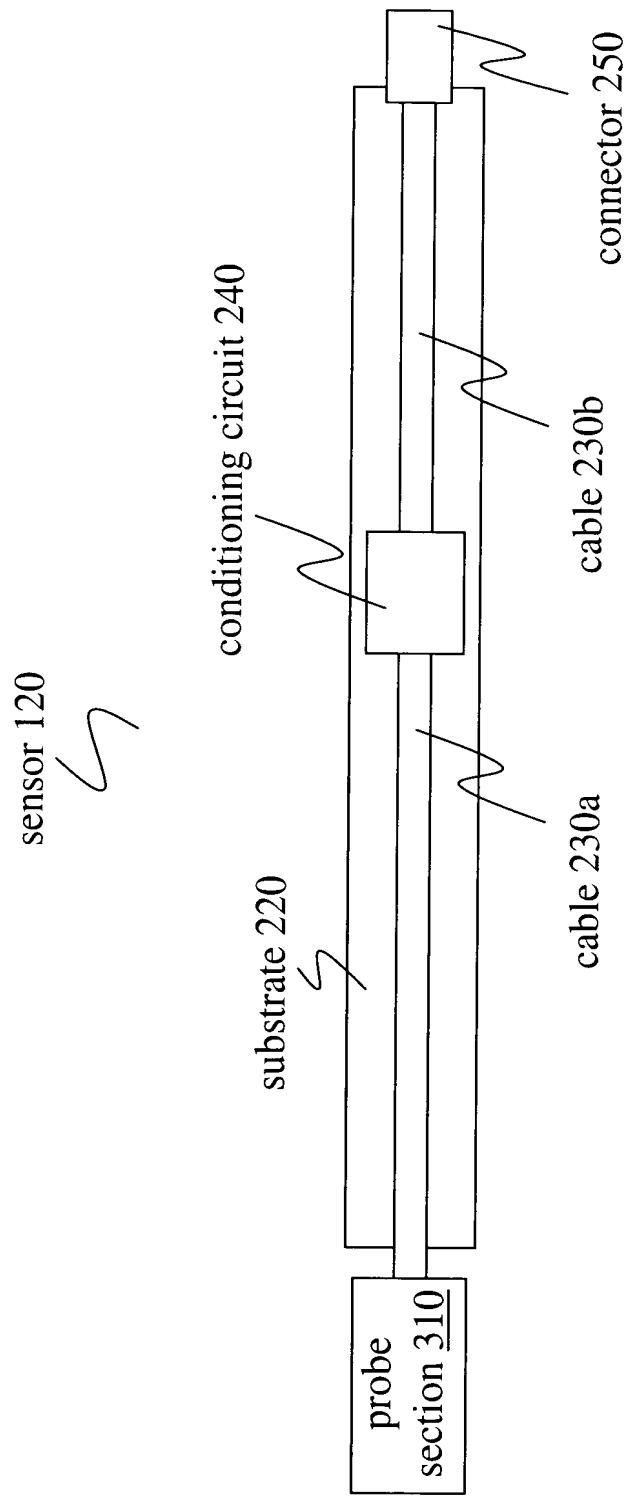


FIG. 4

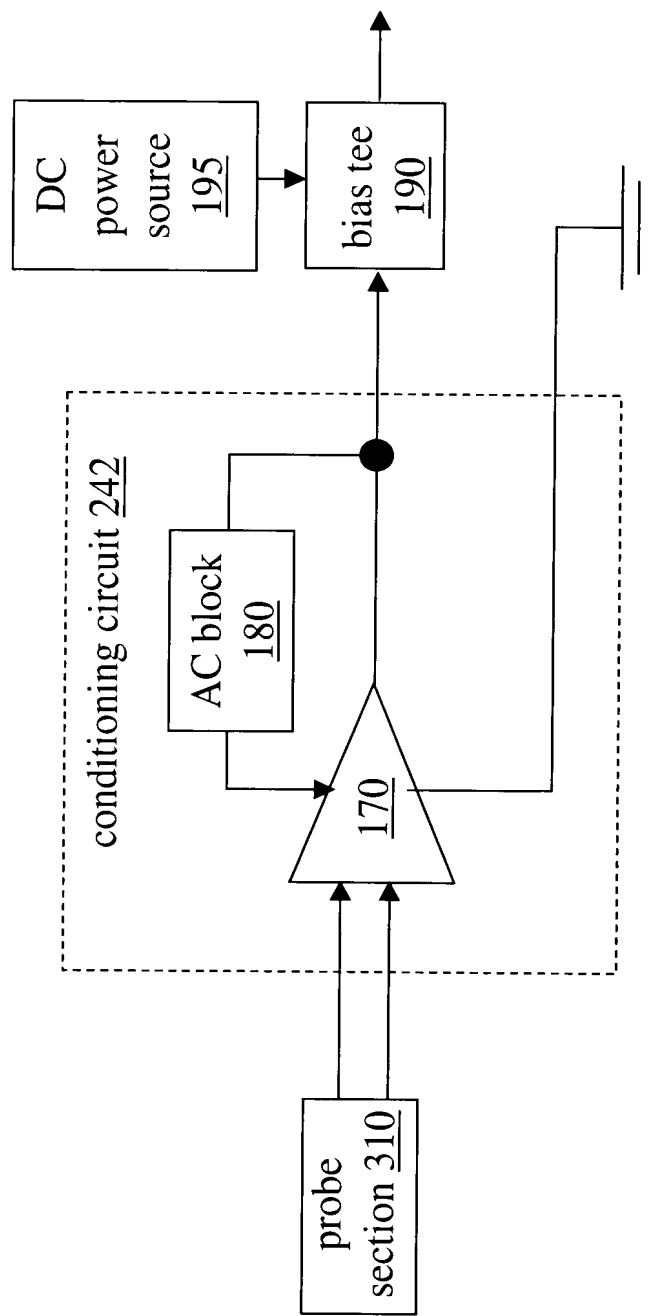


FIG. 5

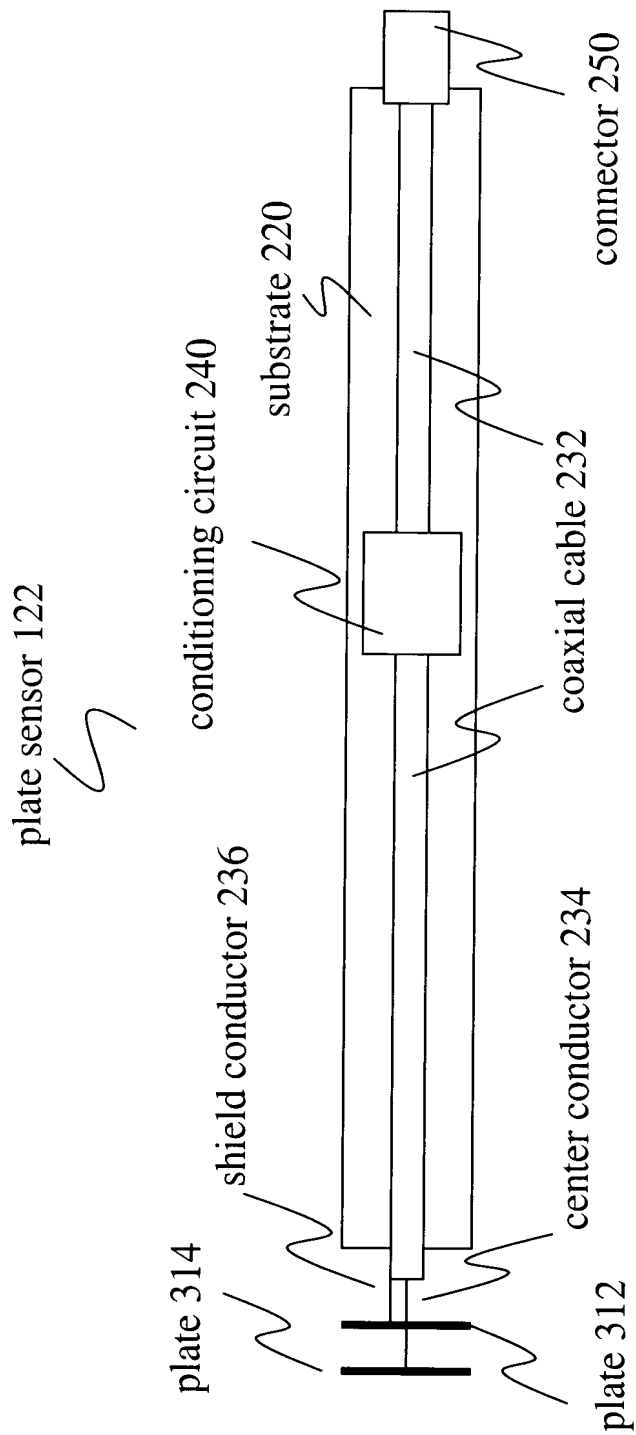


FIG. 6

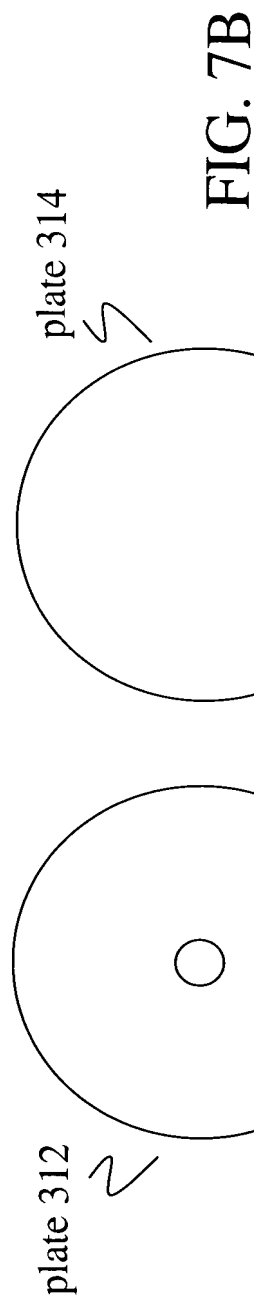
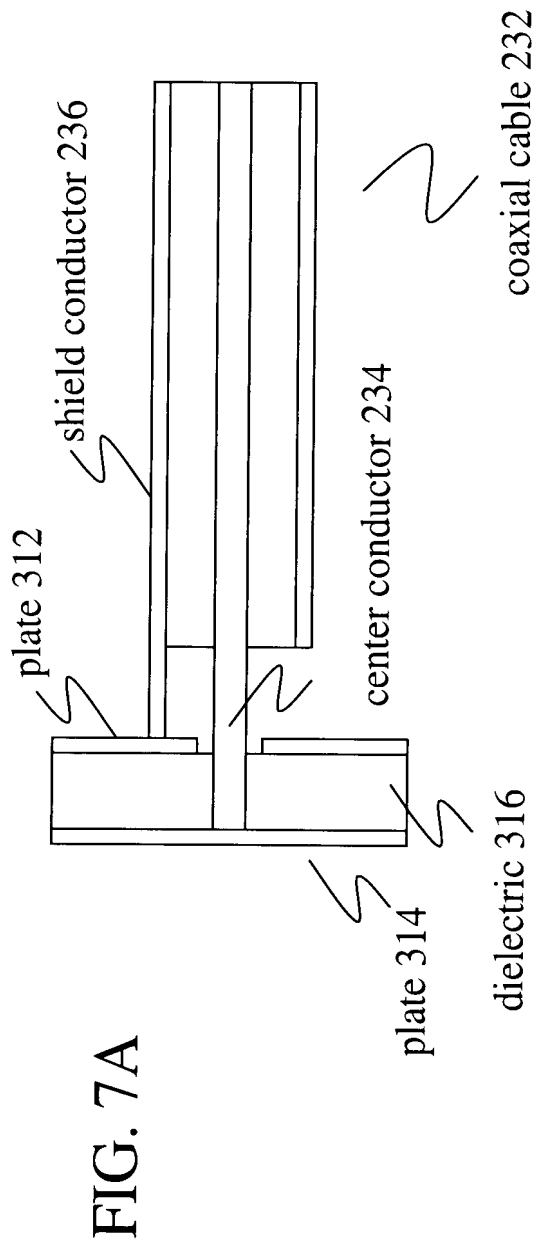


FIG. 8

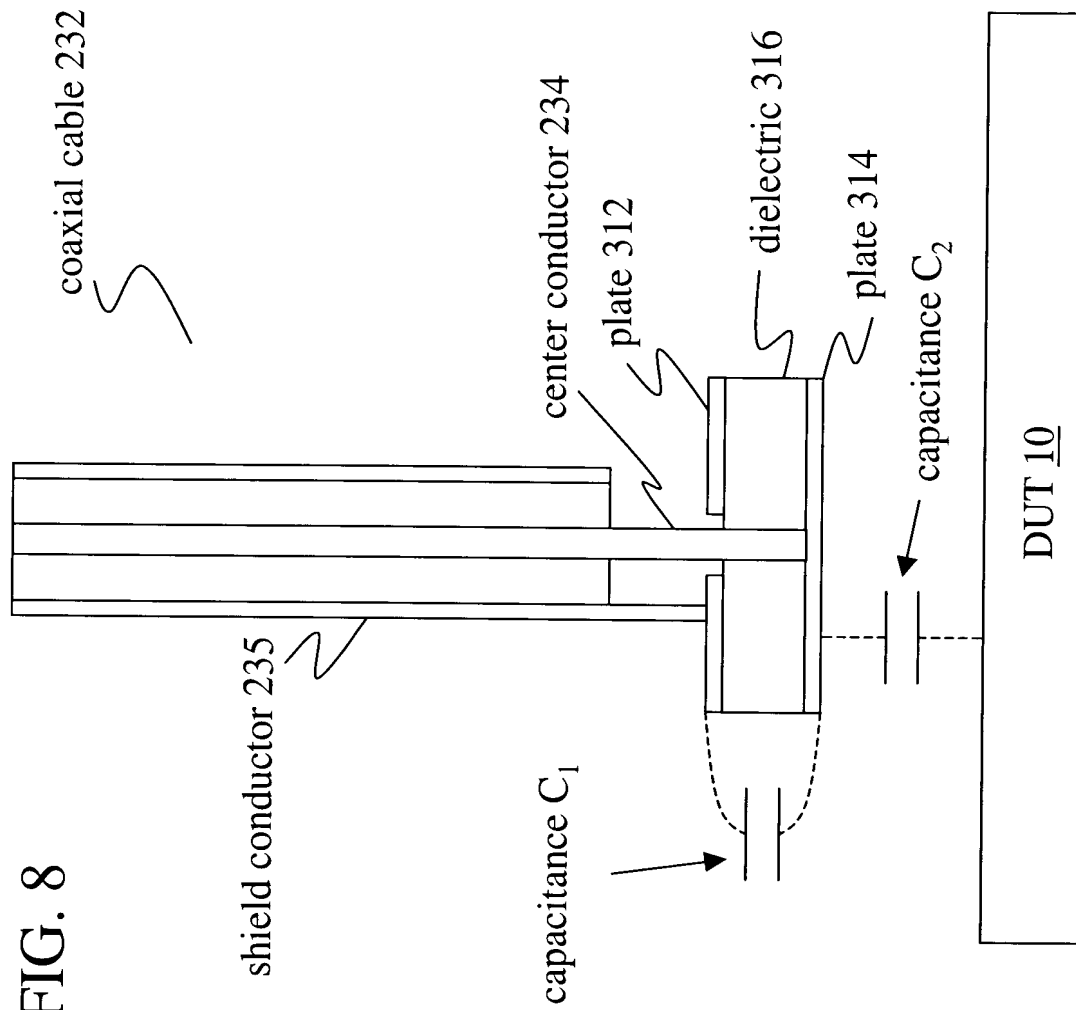


FIG. 9A

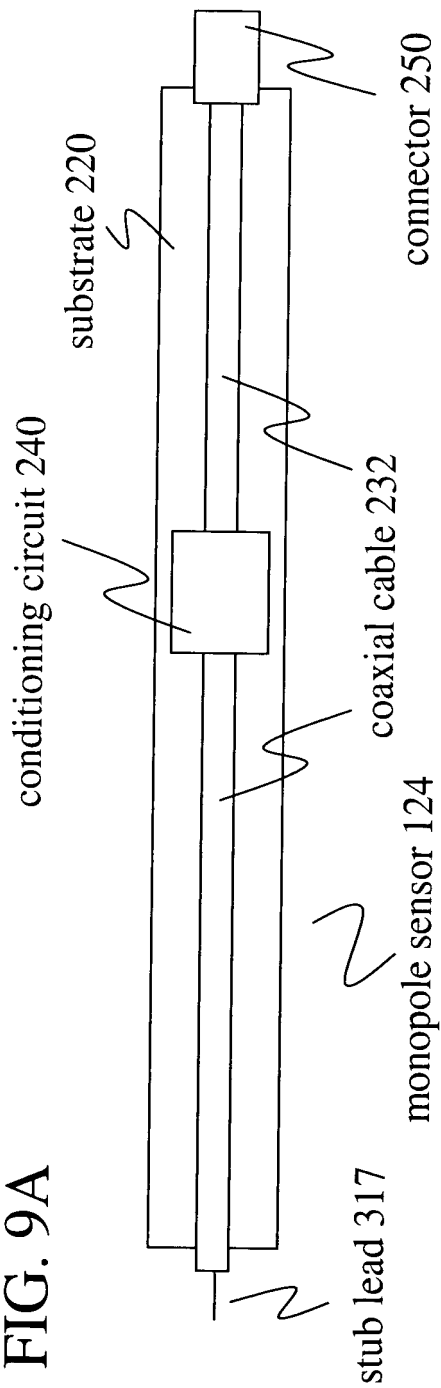
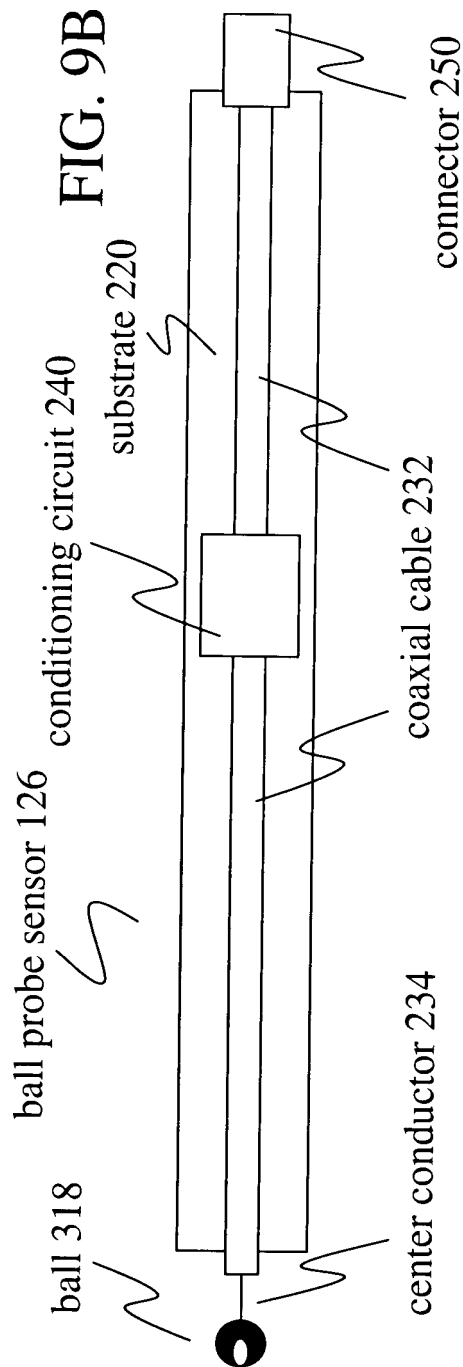
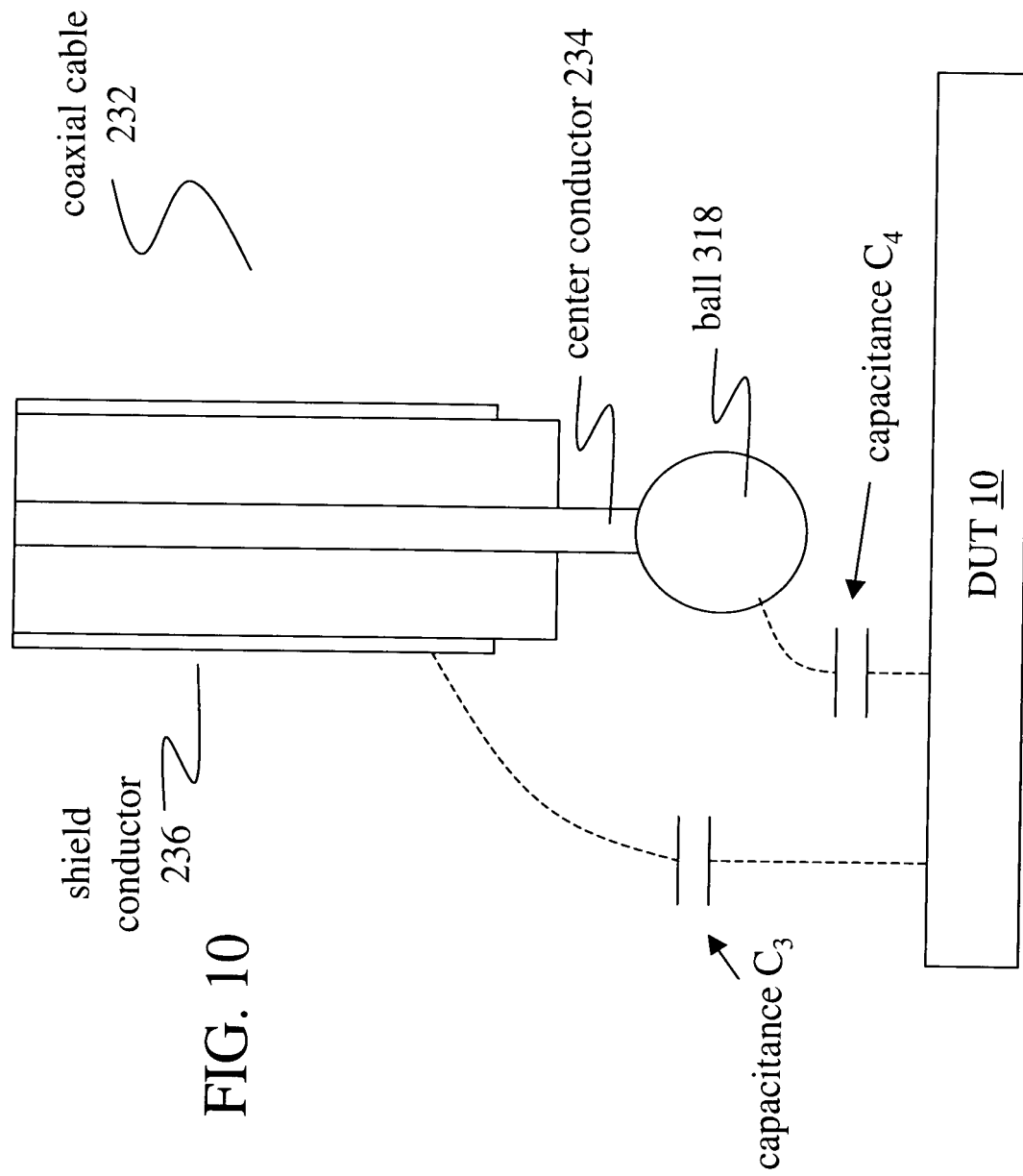


FIG. 9B





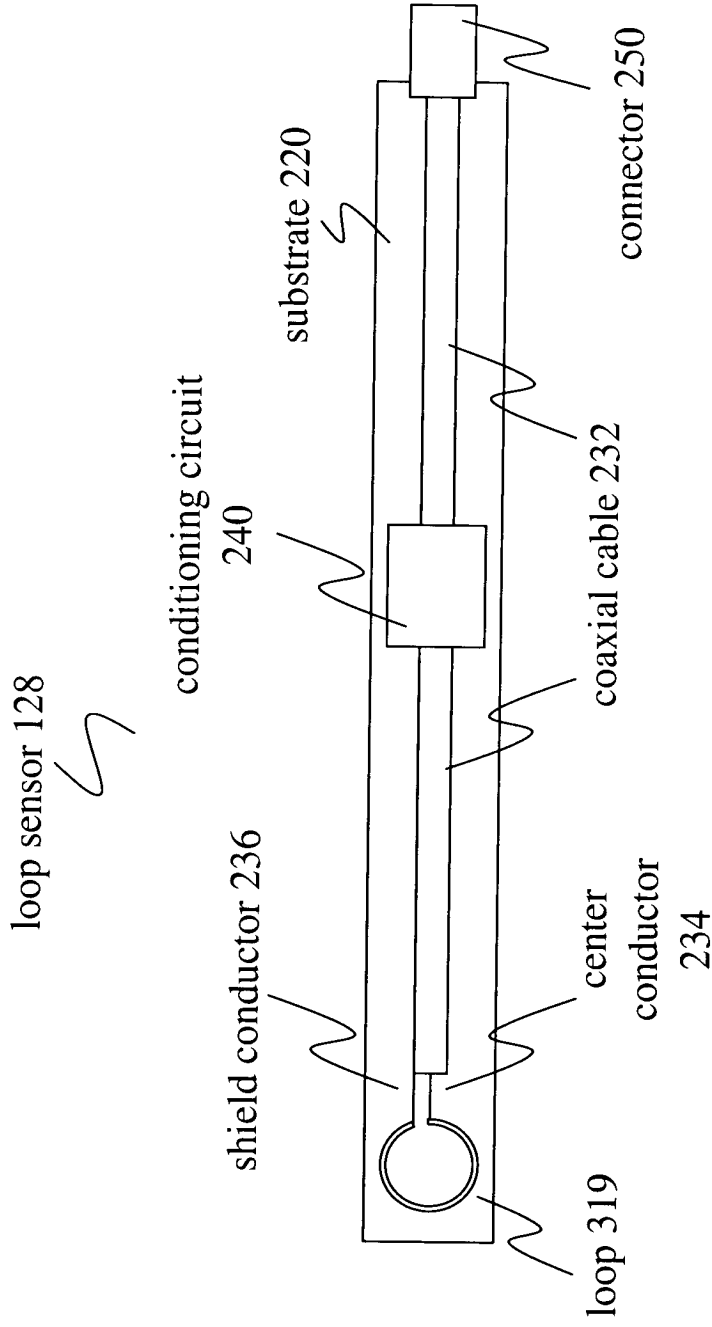


FIG. 11

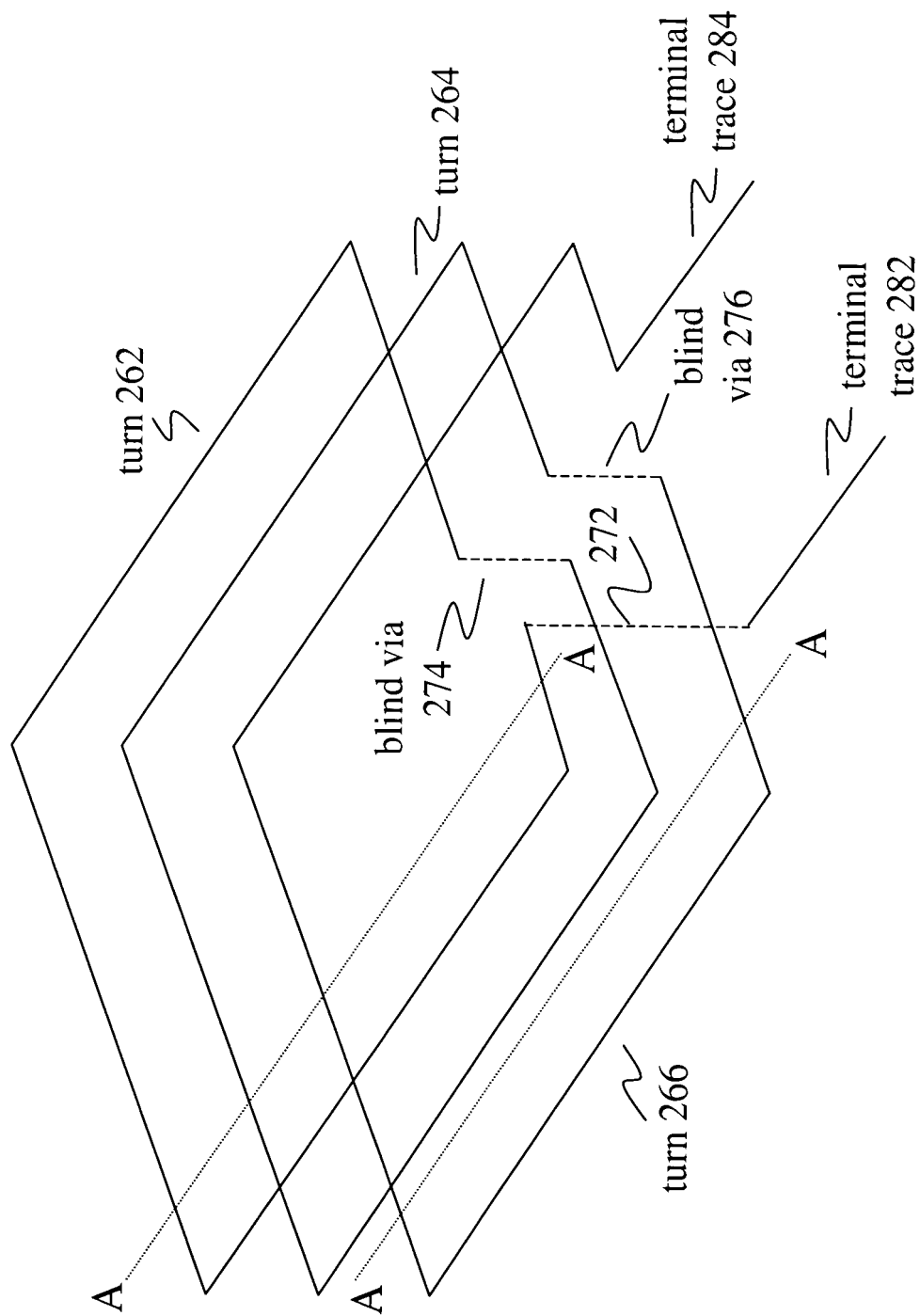


FIG. 12

interlayer insulator 290

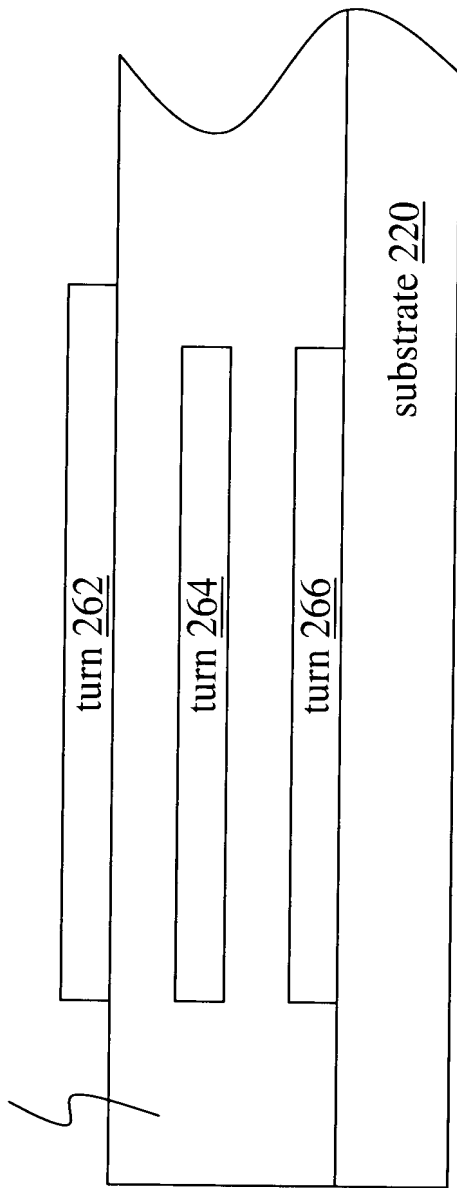


FIG. 13

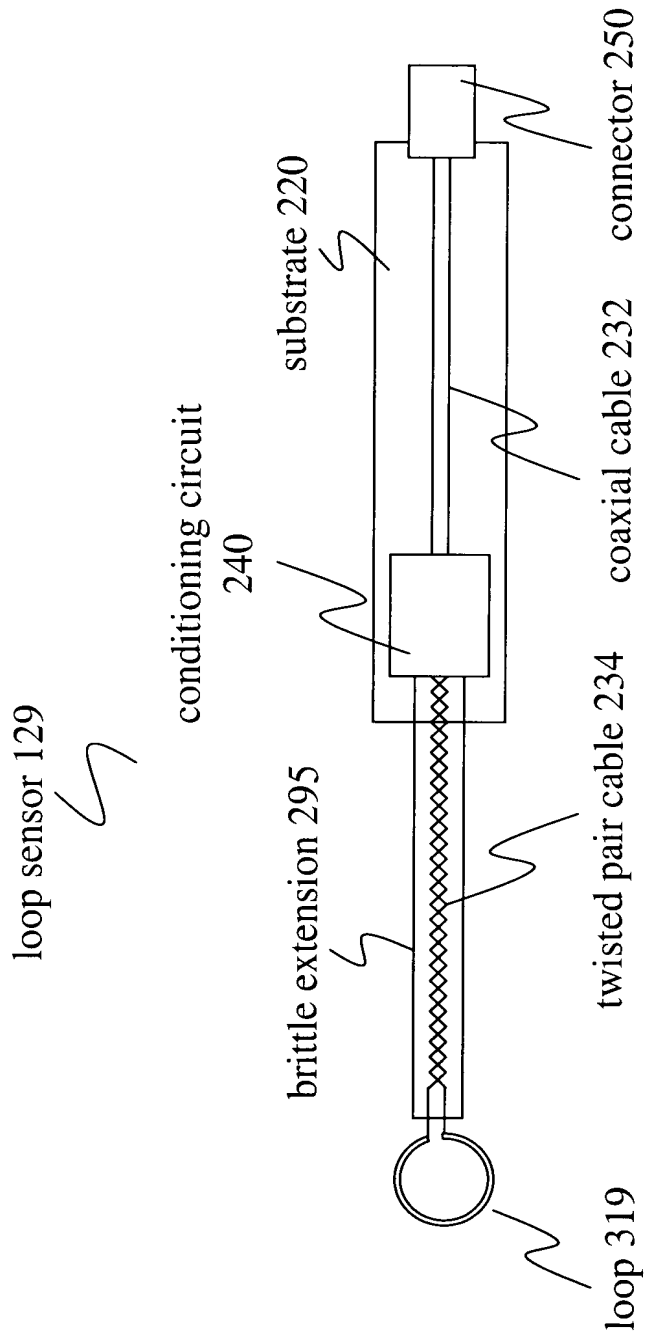


FIG. 14

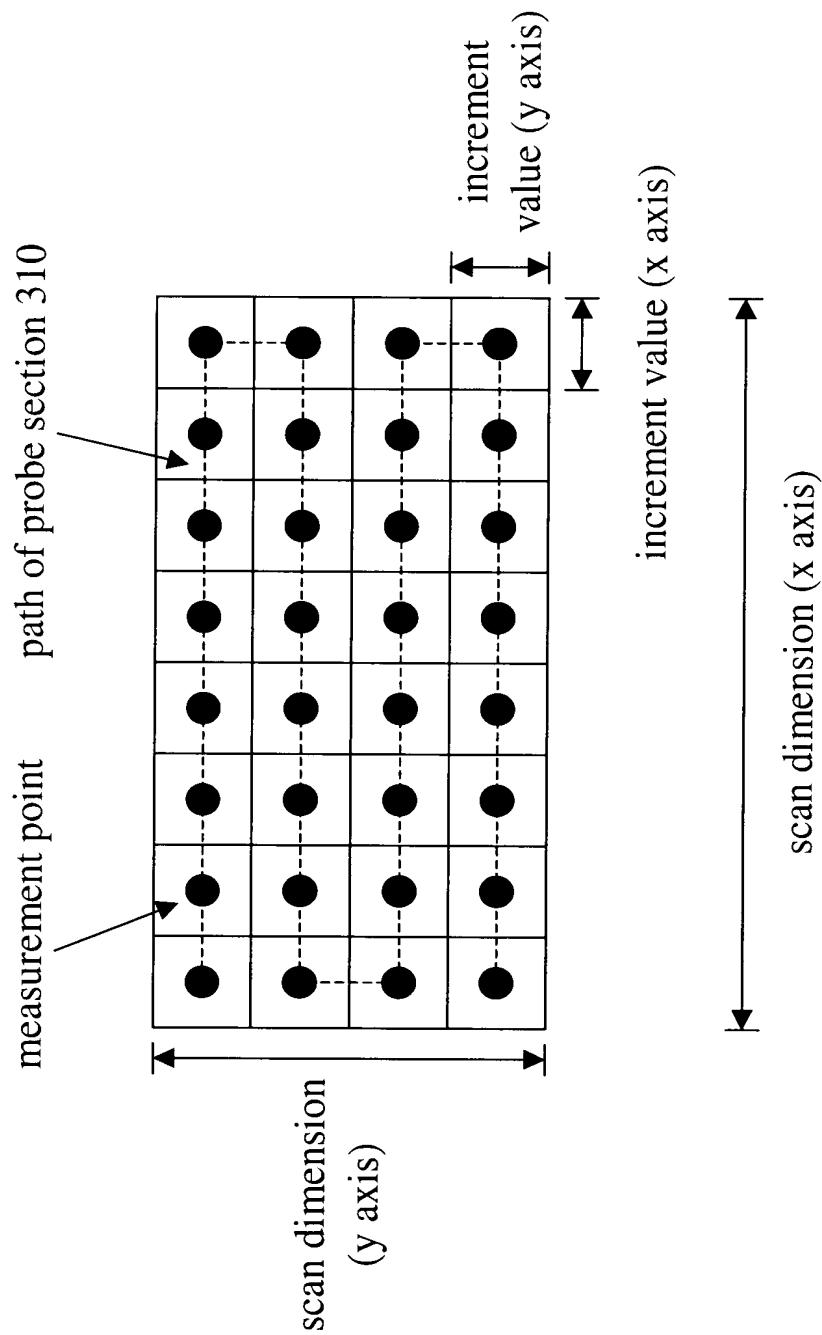


FIG. 15

FIG. 16



FIG. 16

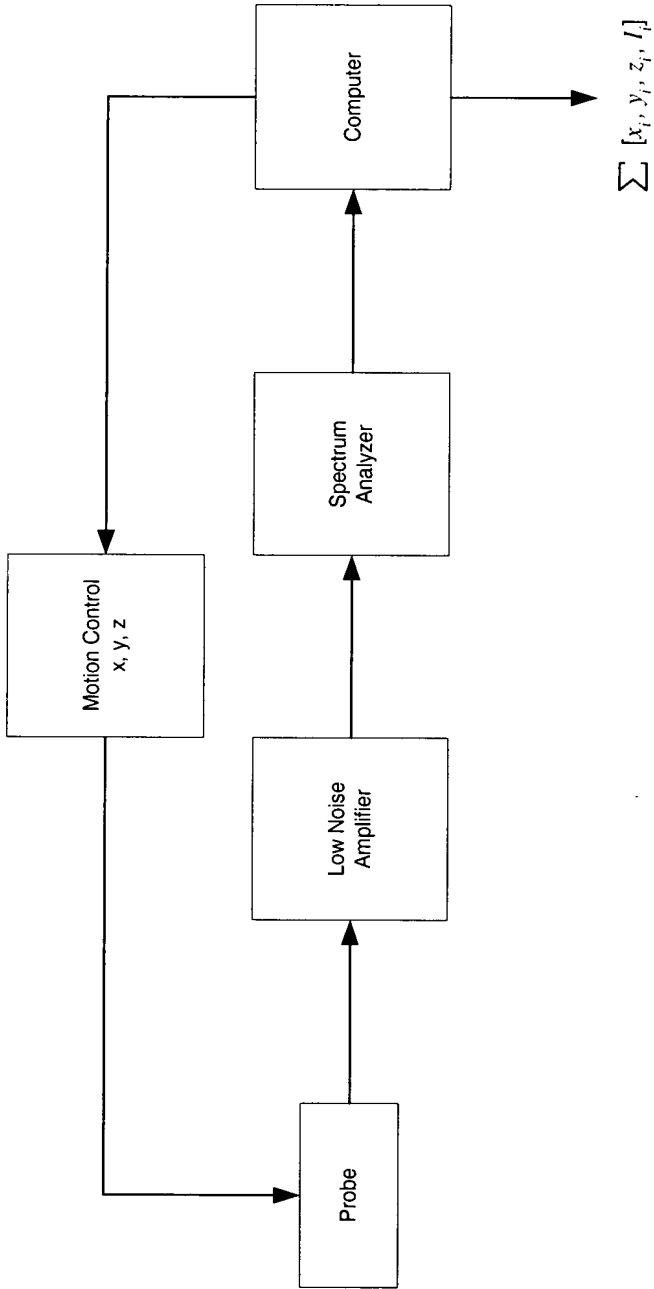
[illegible]

FIG. 17

702080 23122600

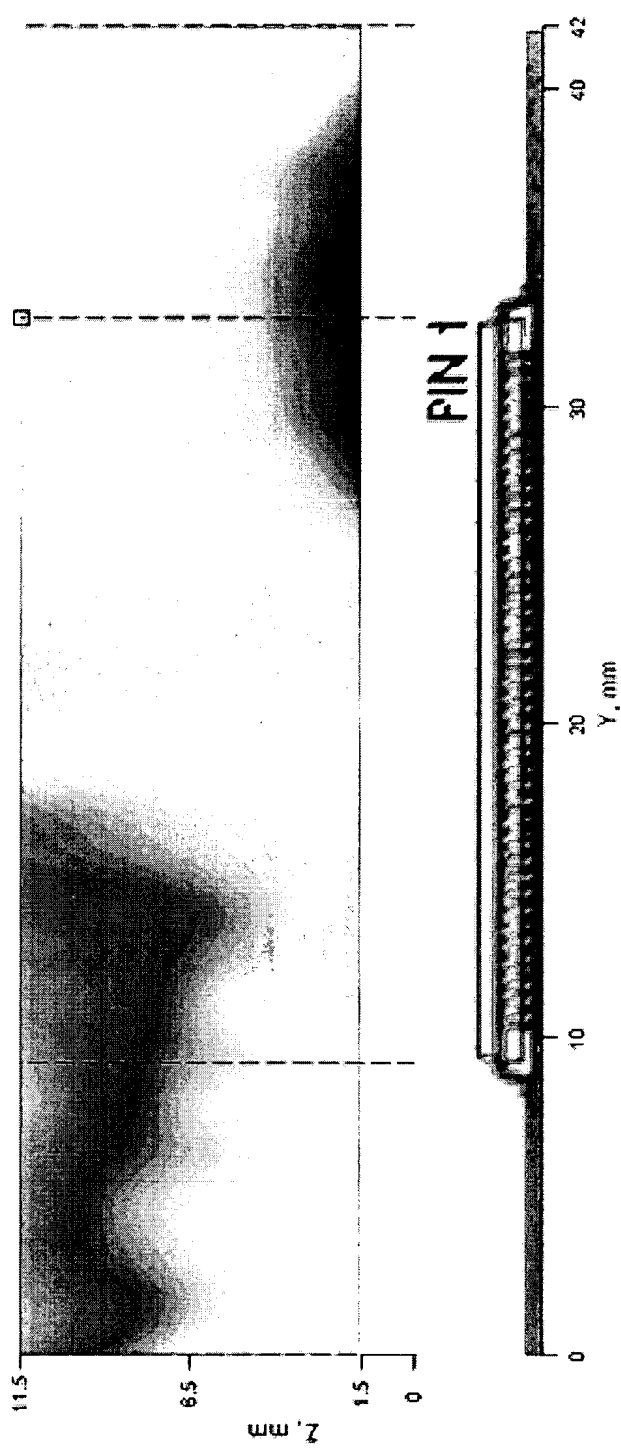


FIG. 18

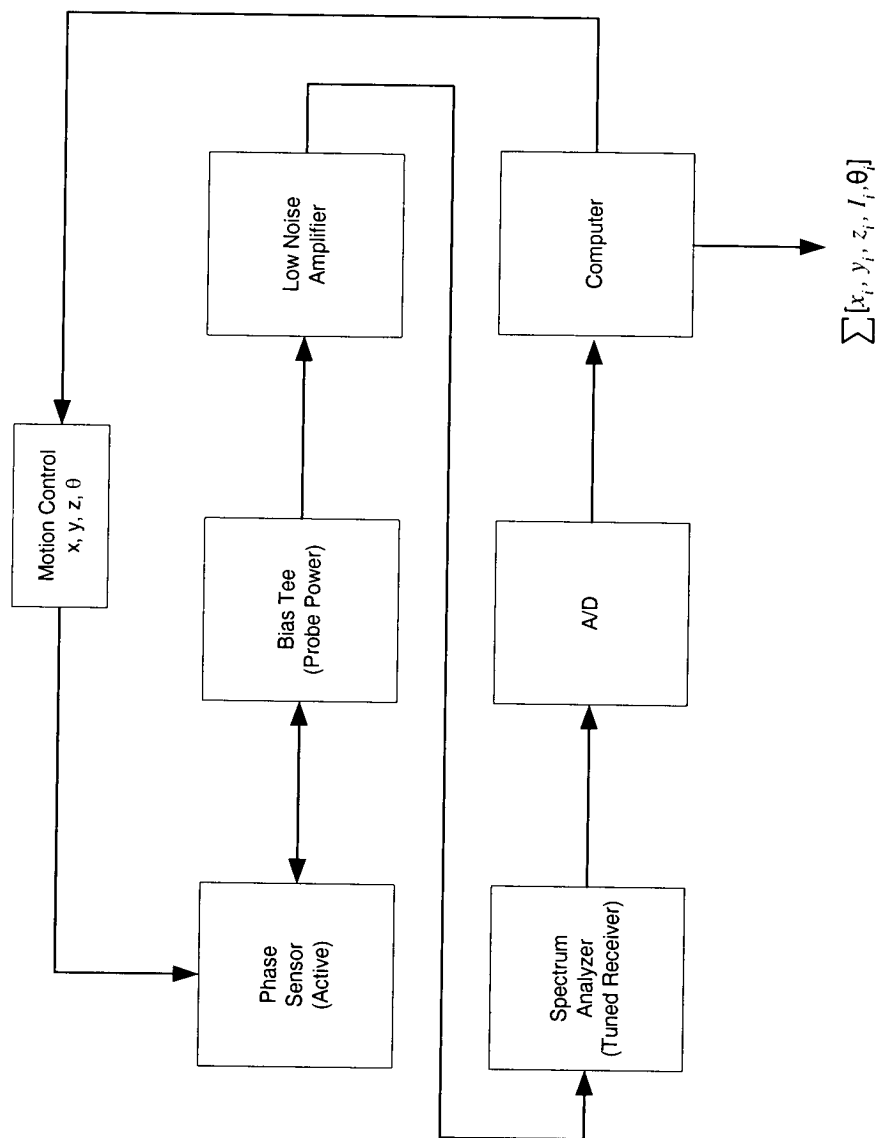


FIG. 19

FIG. 20

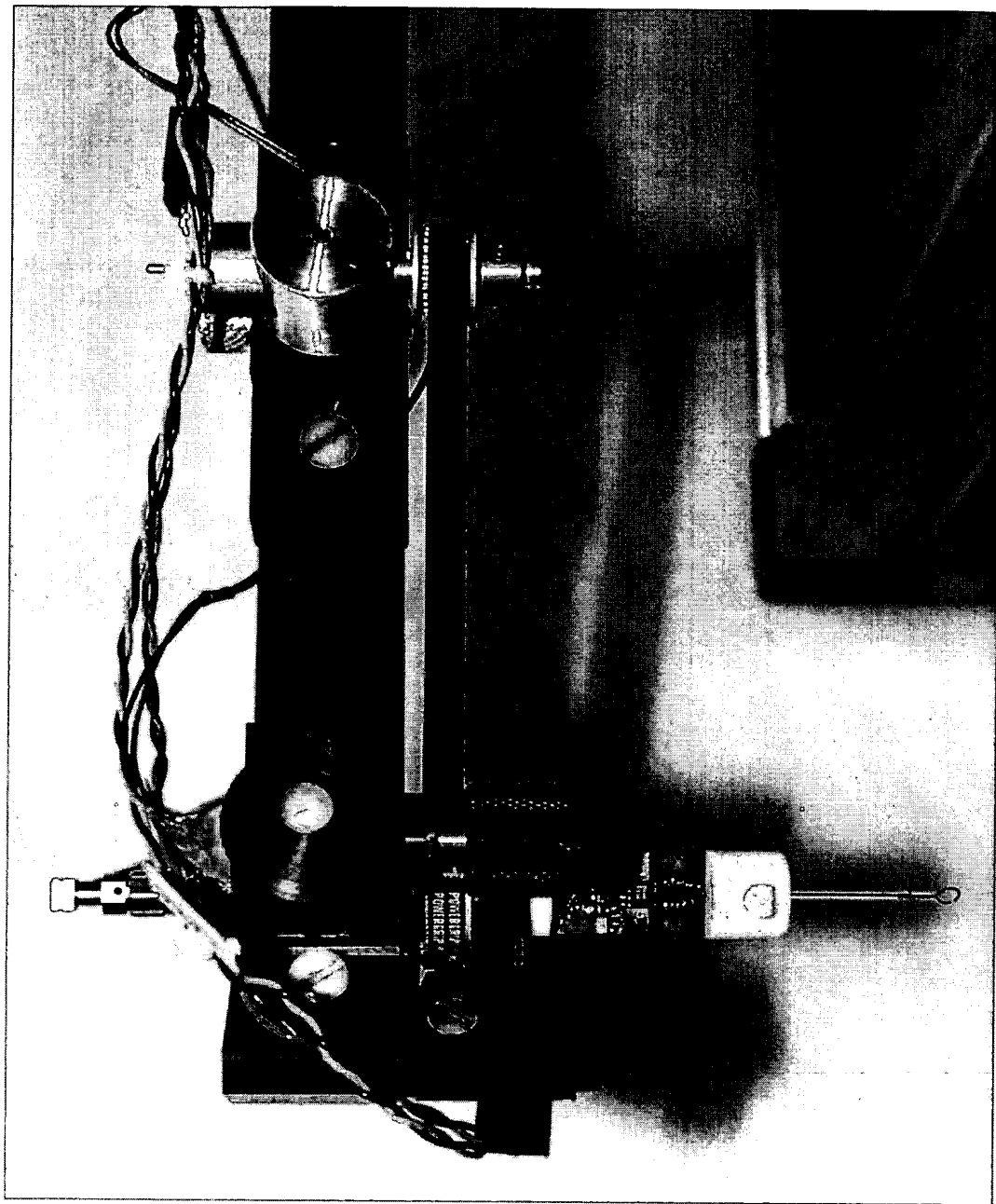


FIG. 20

11/16/99 - Micro stripline is terminated in 50 ohms. Frequency: 1000 MHz
 Probe Type: Magnetic Field. Measurement Increments: dx: 1.94 mm, dy: 1.97 mm, dz: 0 mm
 Number of Planes: 1, at 14.52 mm above DUT. Magnetic Field Intensity Unit: dB uA/m.

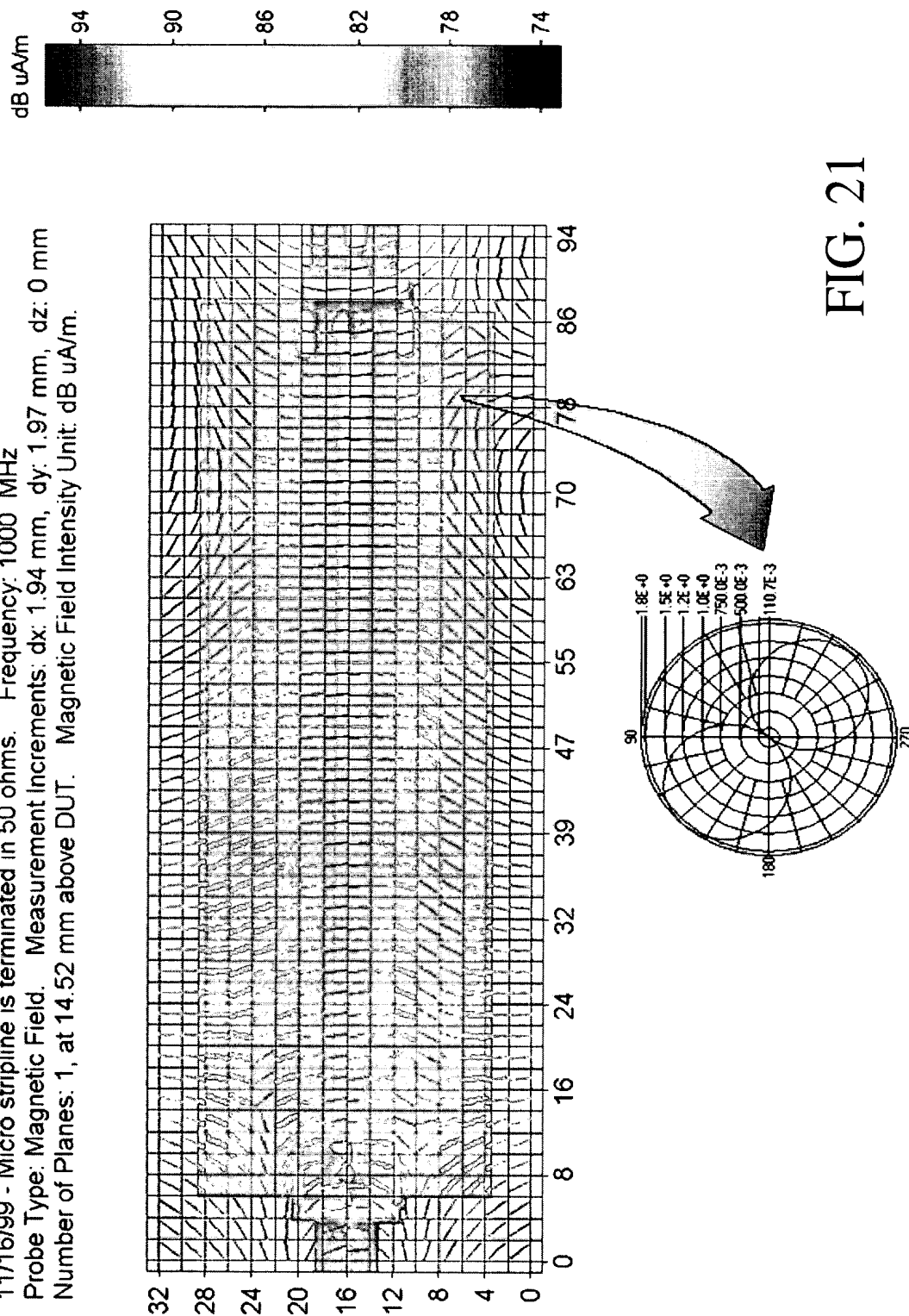


FIG. 21

A black and white photograph of a vertical electronic device, possibly a probe or sensor, mounted on a grid background. The device has a threaded top, a central shaft, and a base with electronic components and a circular label.

FIG. 22

FOEDD-2342660

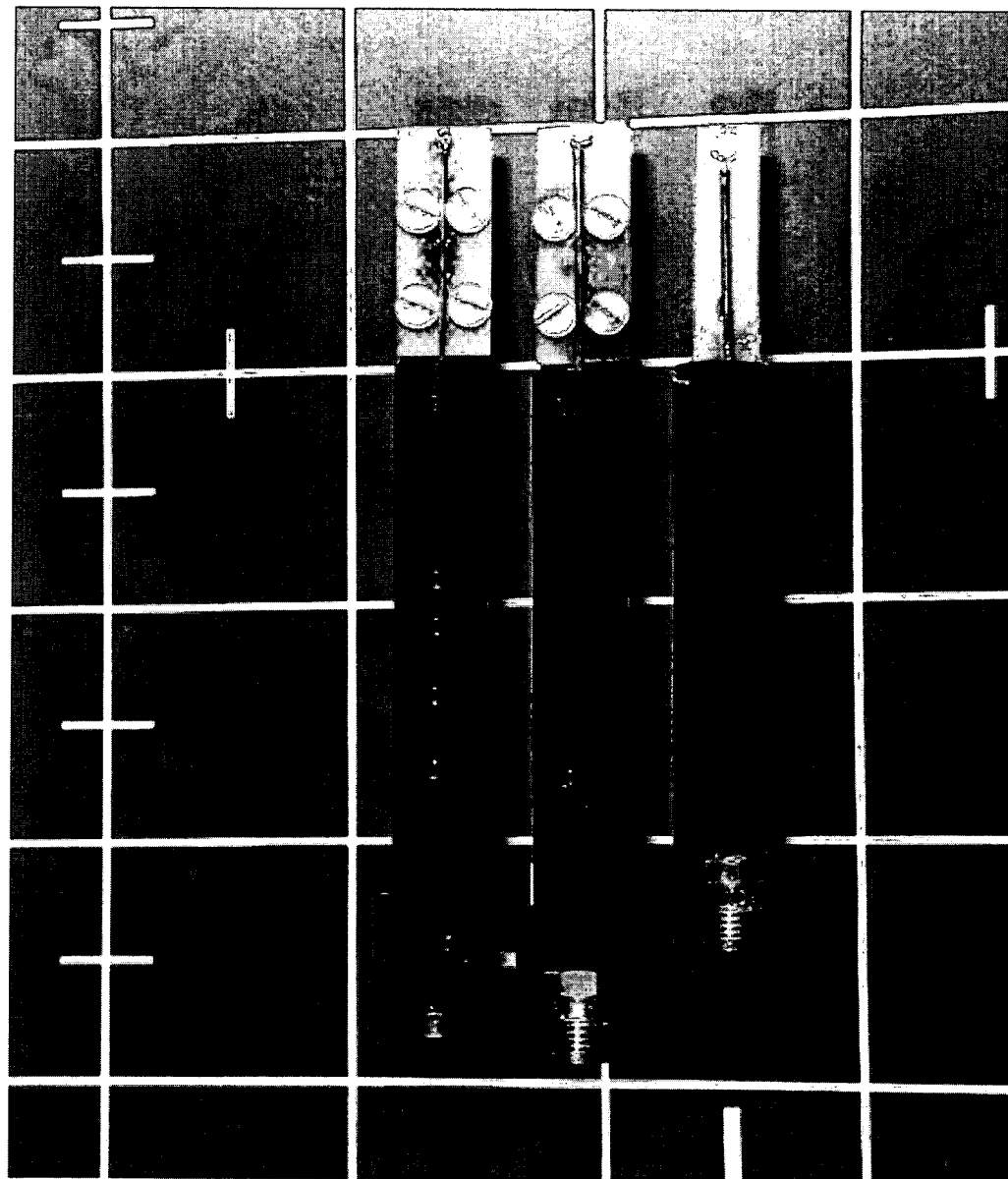


FIG. 23

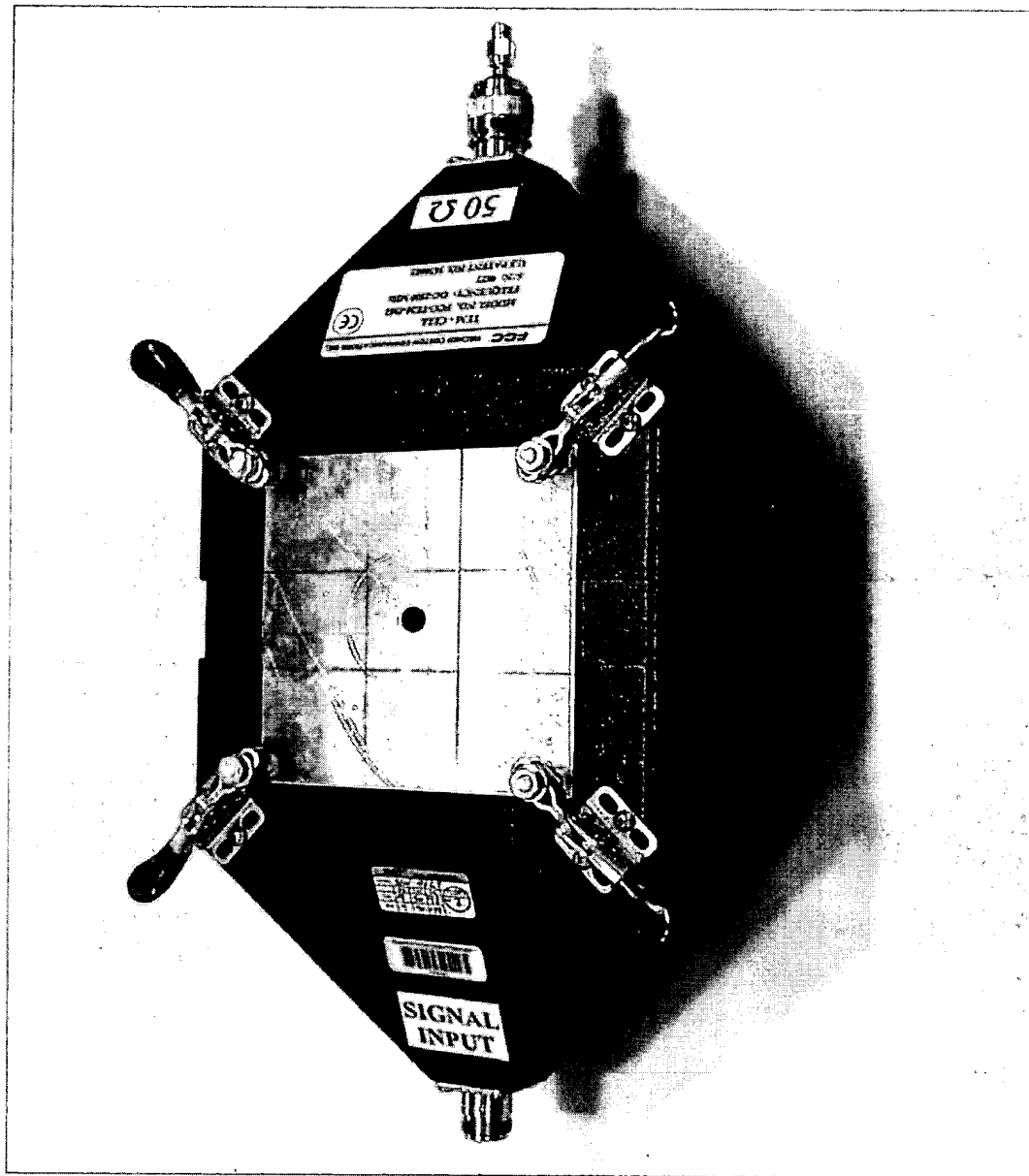


FIG. 24

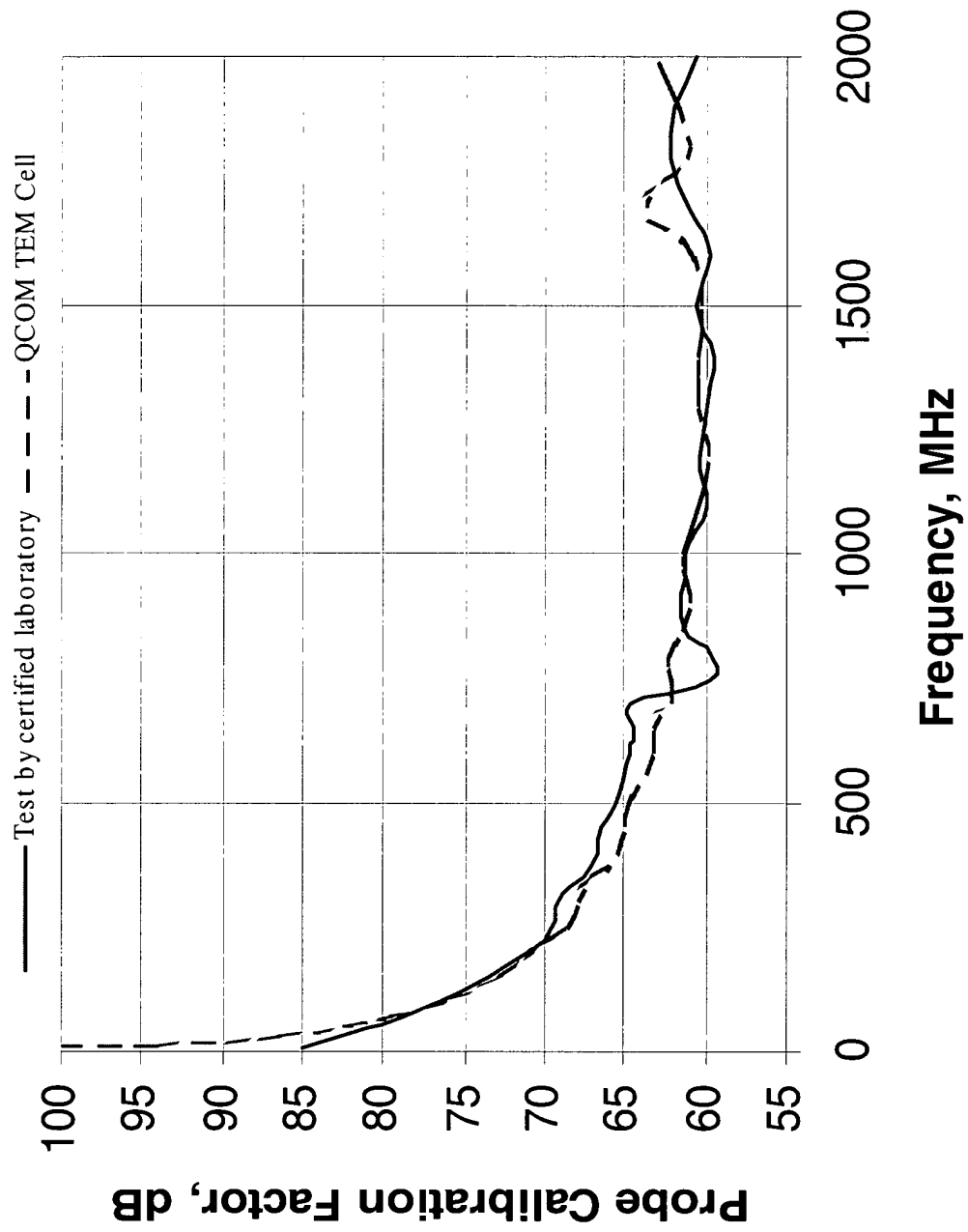


FIG. 25

FIG. 26

TOP VIEW OF THE DEVICE

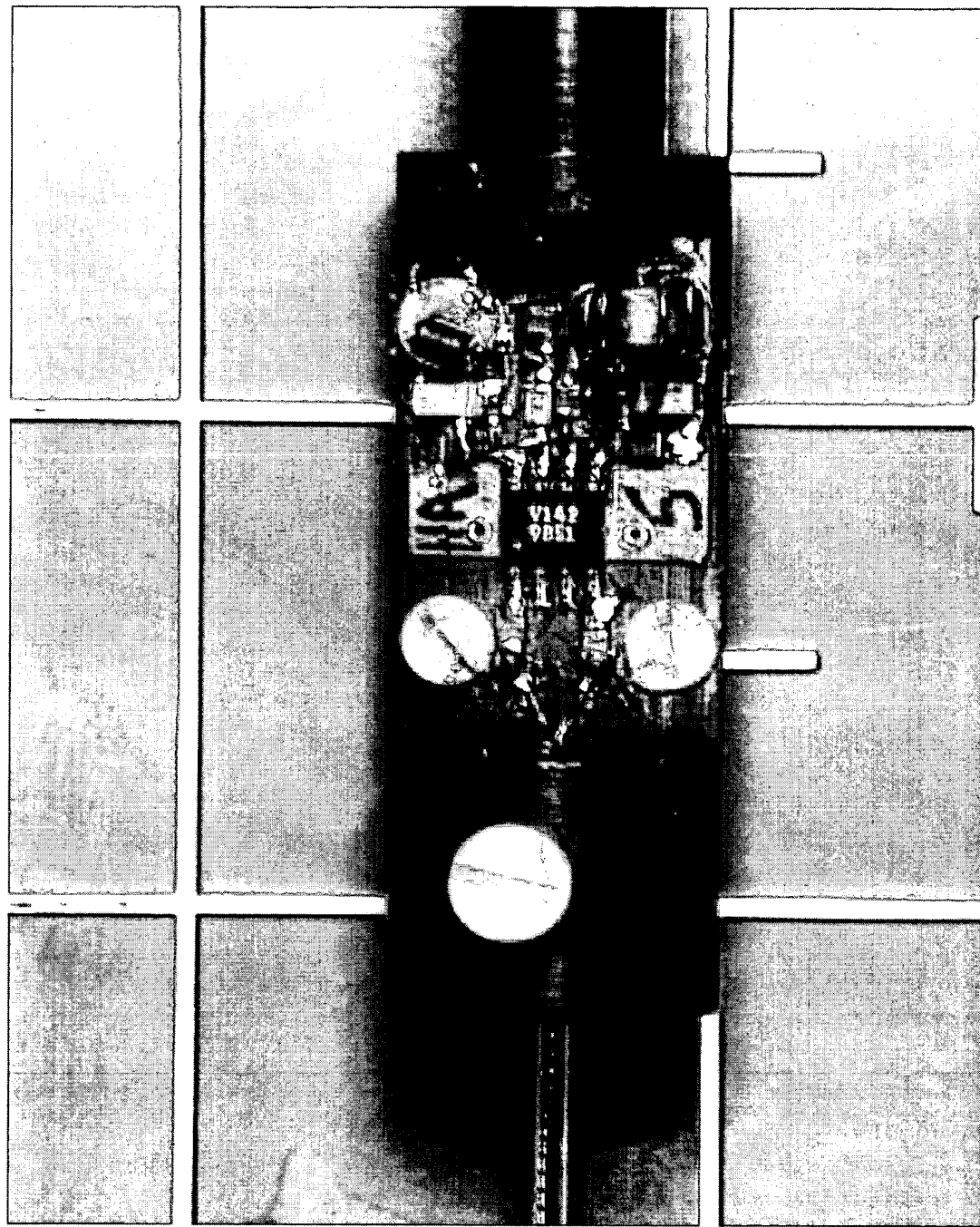
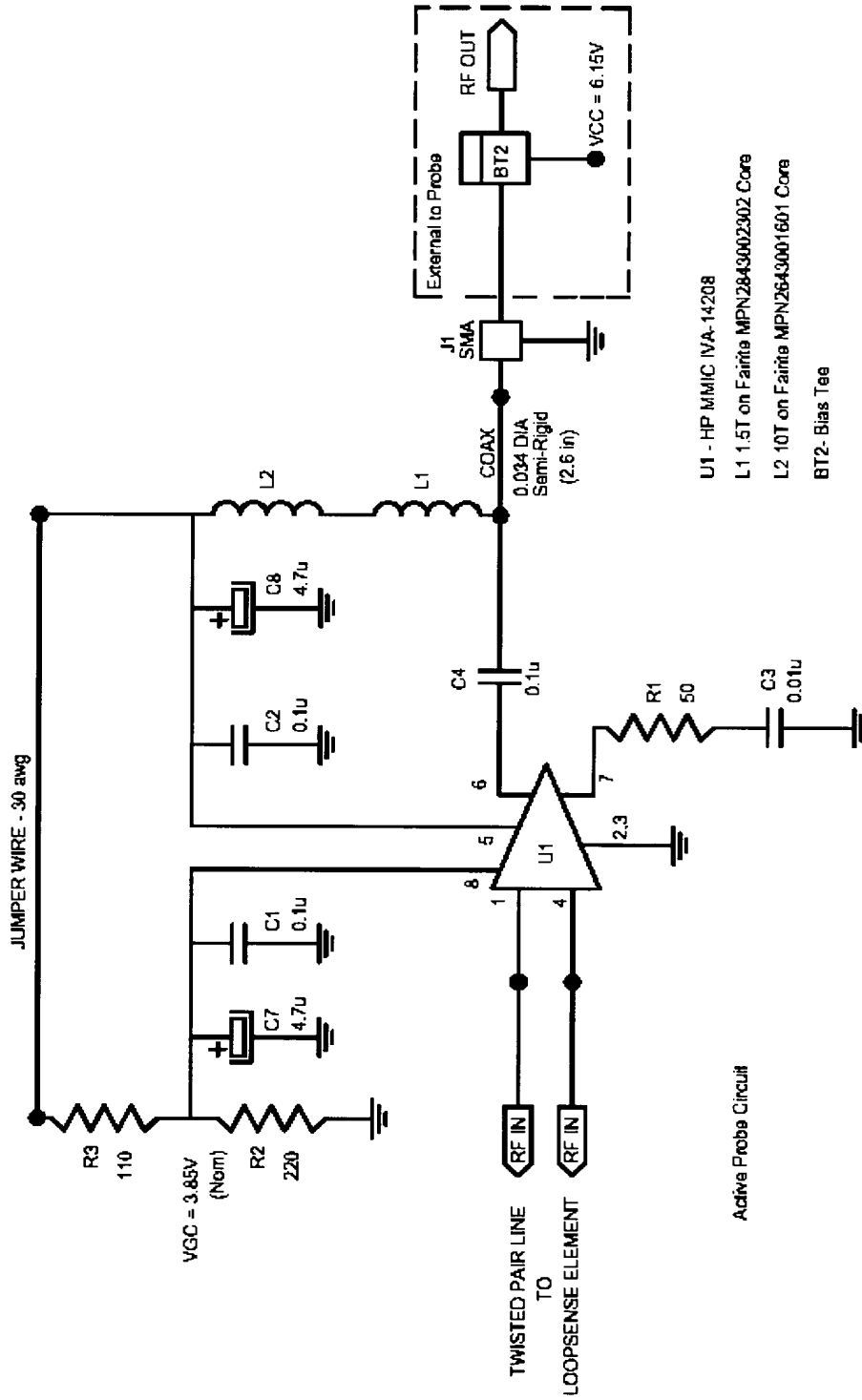


FIG. 27



U1 - HP MMIC IVA-14208
 L1 1.5T on Fairite MPN2843002302 Core
 L2 10T on Fairite MPN2643001601 Core
 BT2- Bias Tee

FIG. 28

702080-28422600

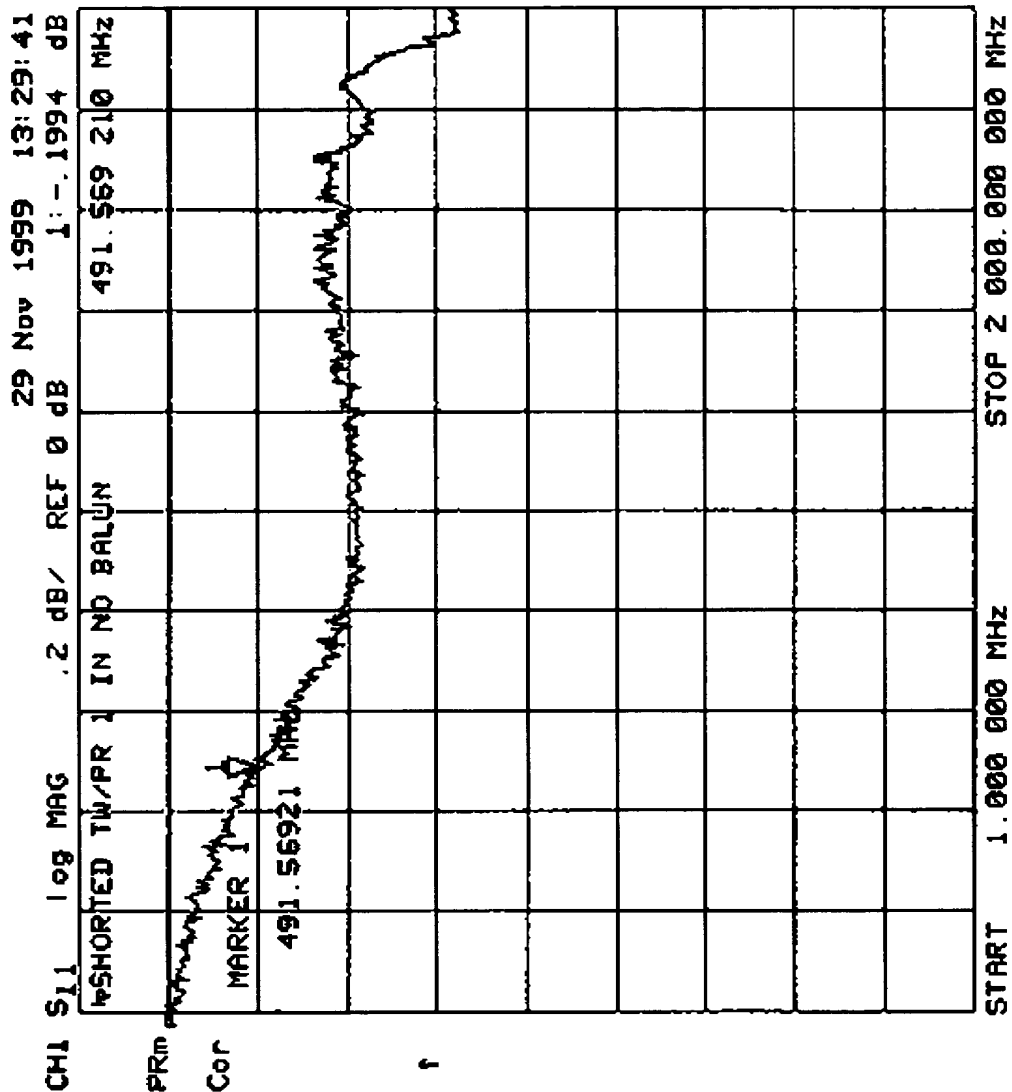
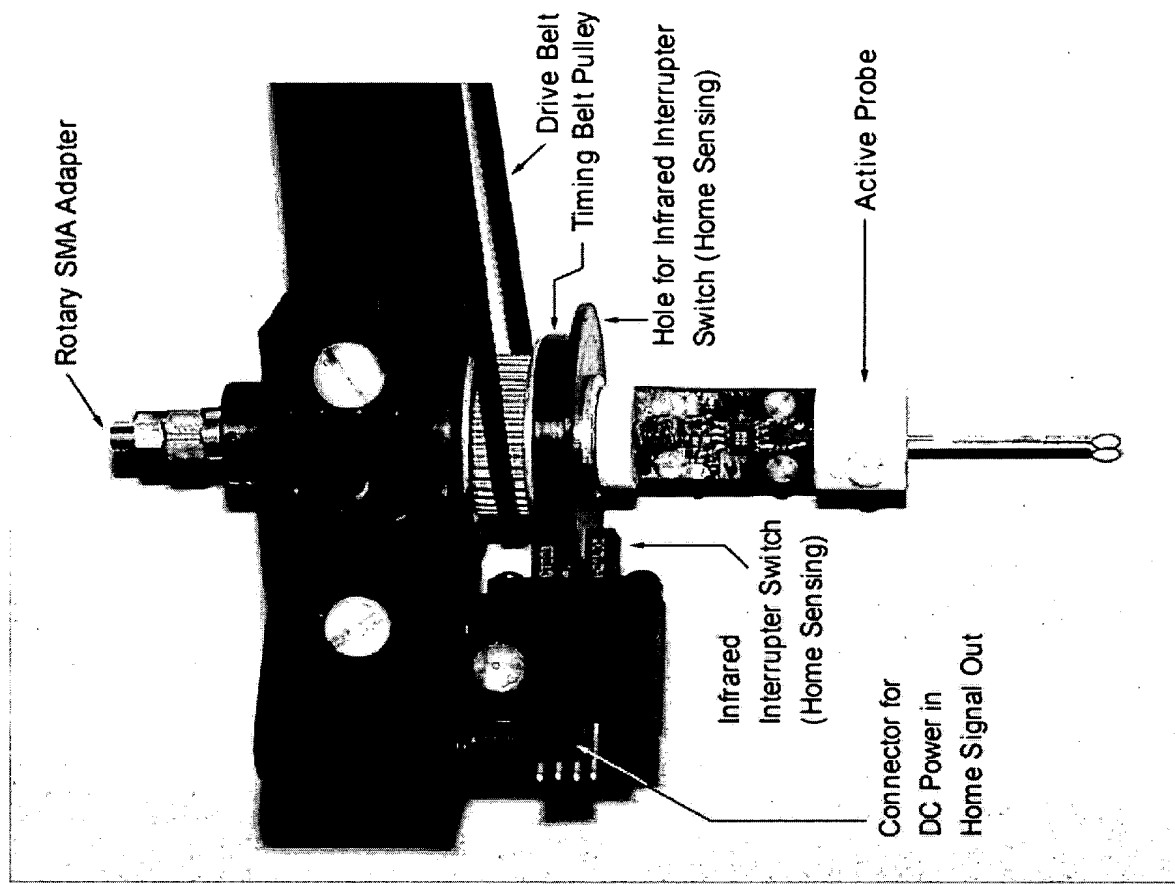


FIG. 29

FIG. 30



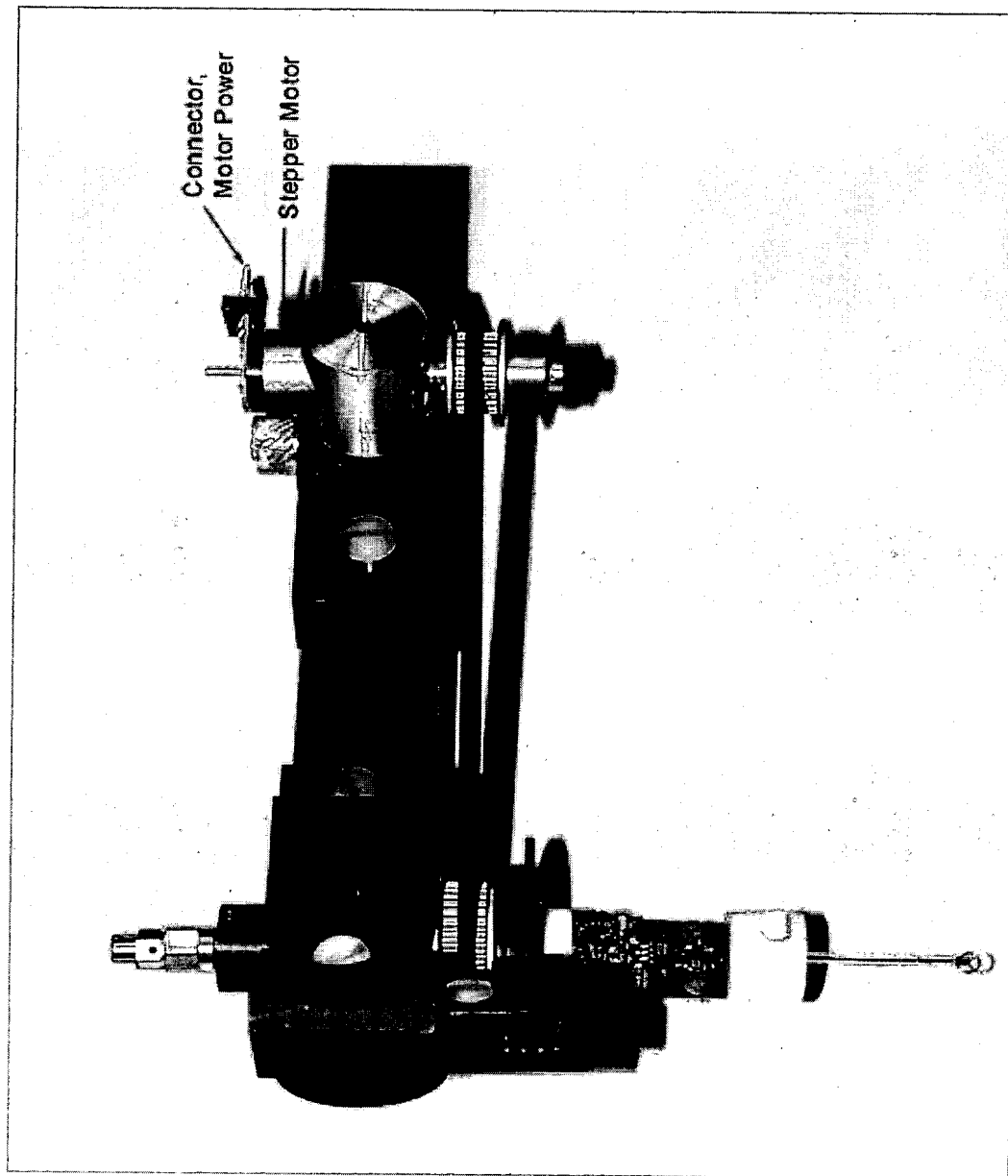


FIG. 31

FIG. 32

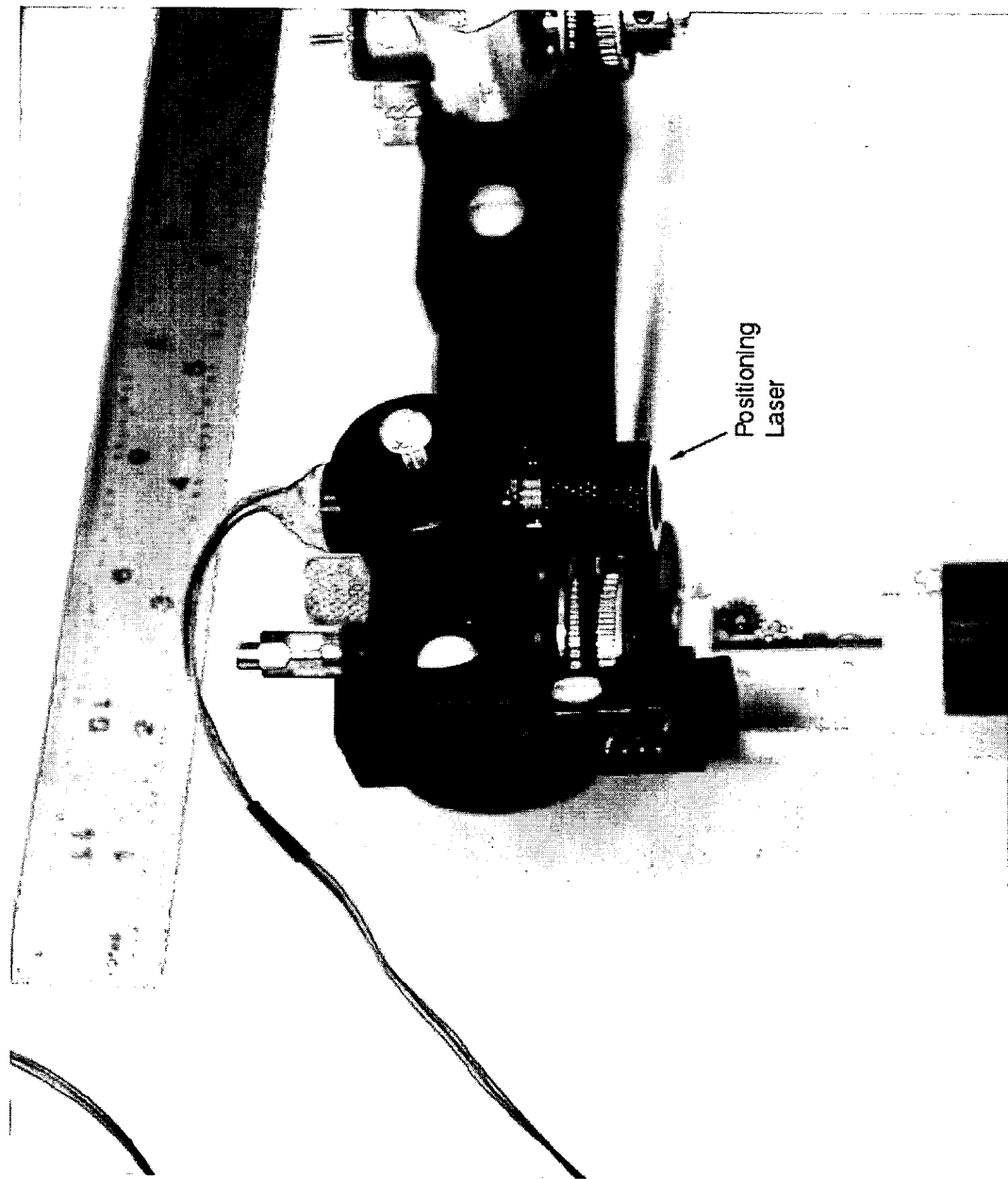


FIG. 32

FIG. 33

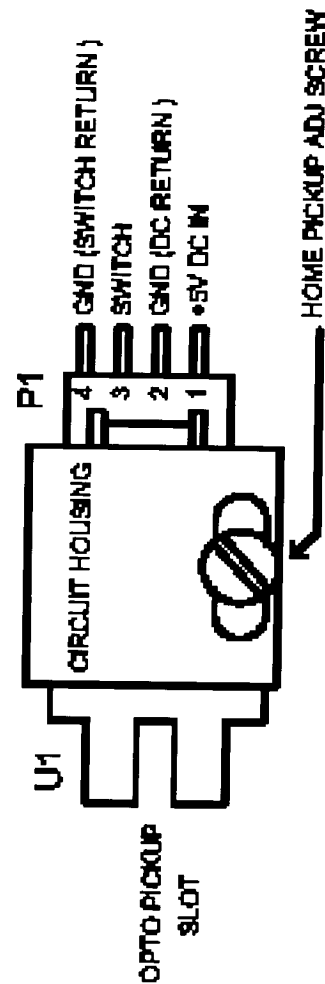
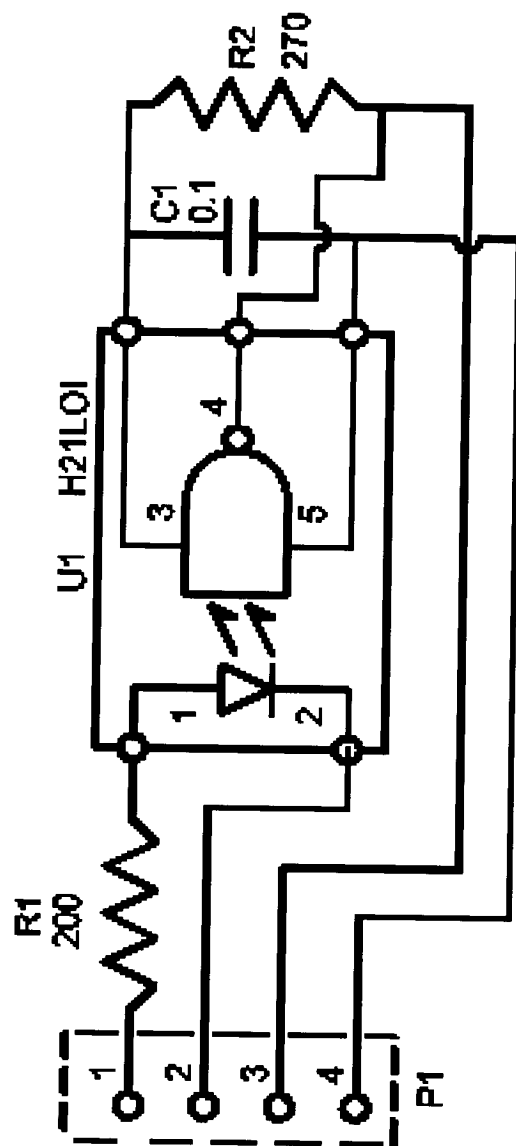


FIG. 33

FIG. 35

Current distribution on a micro stripline.
 The Micro Stripline is terminated in 50 ohms. Frequency: 1000 MHz
 Probe Type: Magnetic Field. Measurement Increments: dx: 1.97 mm, dy: 1.94 mm, dz: 0 mm
 Number of Planes: 1, at 14.37 mm above DUT. Magnetic Field Intensity Unit: dB uA/m.

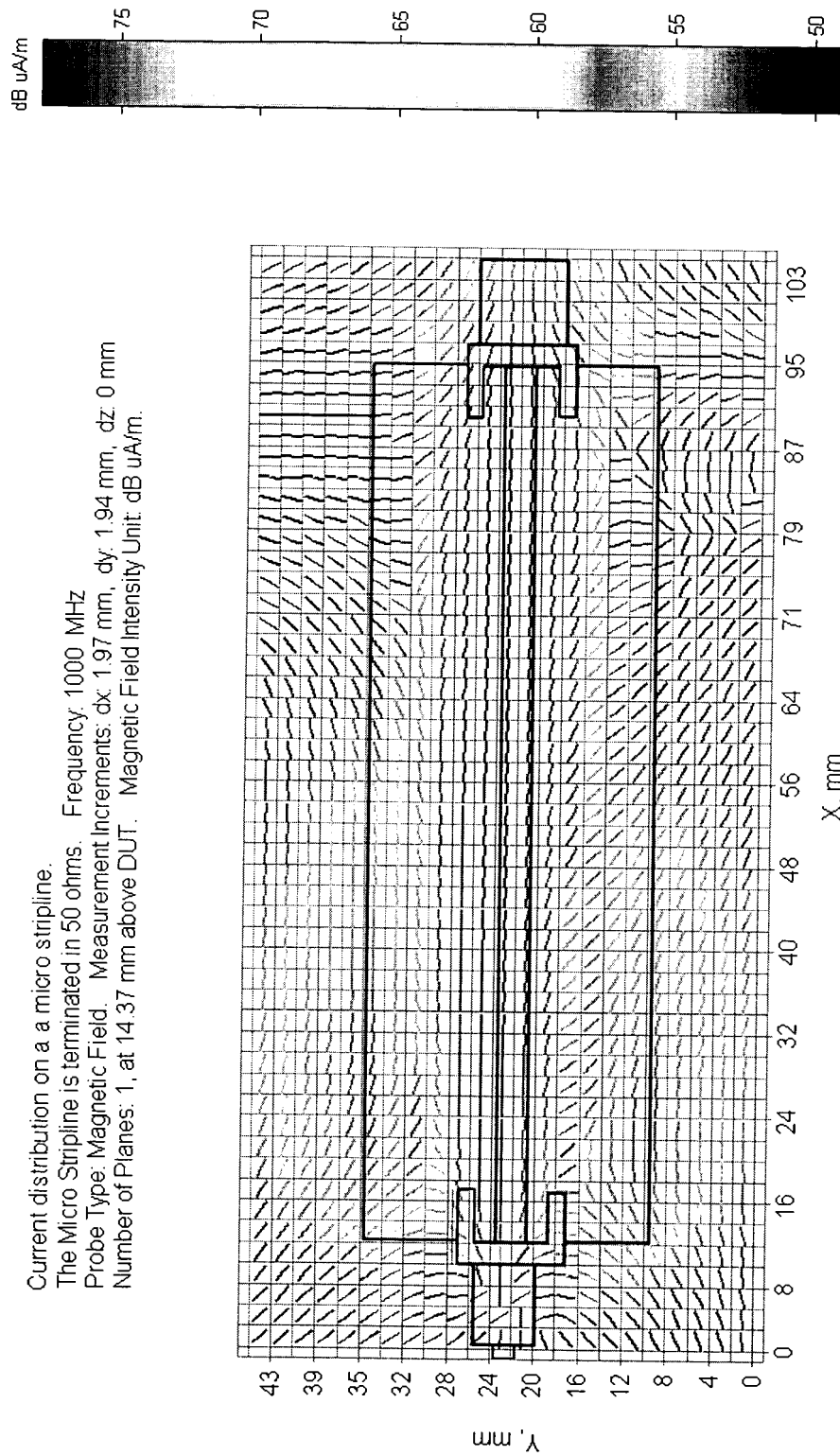


FIG. 36

Probe Measurement

Initialization

PM Address

SG Address

SA Address

Calibrate using

Cal data File

Measurement Spectrum Analyzer Settings

Ext. Pre-amplifier Gain (dB)

Reference Level (mV)

Attenuation

Probe Type

Amplitude (mV)
3.04

Probe Factor
50.34

FIG. 37

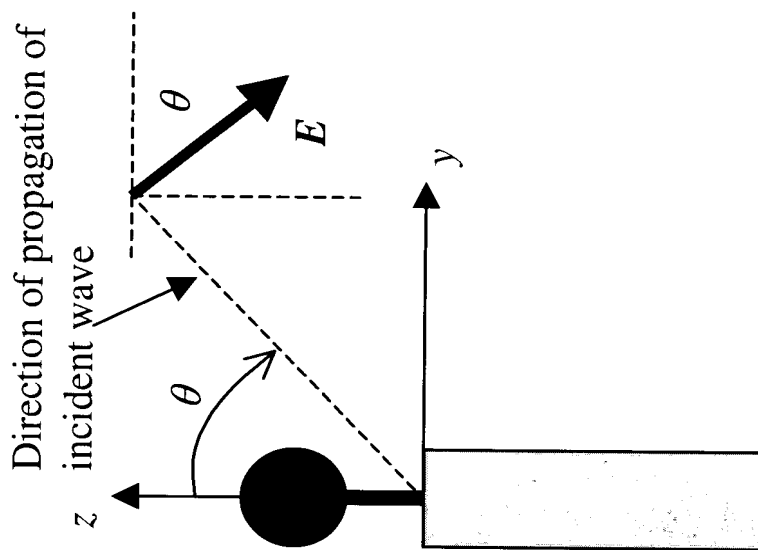


FIG. 38

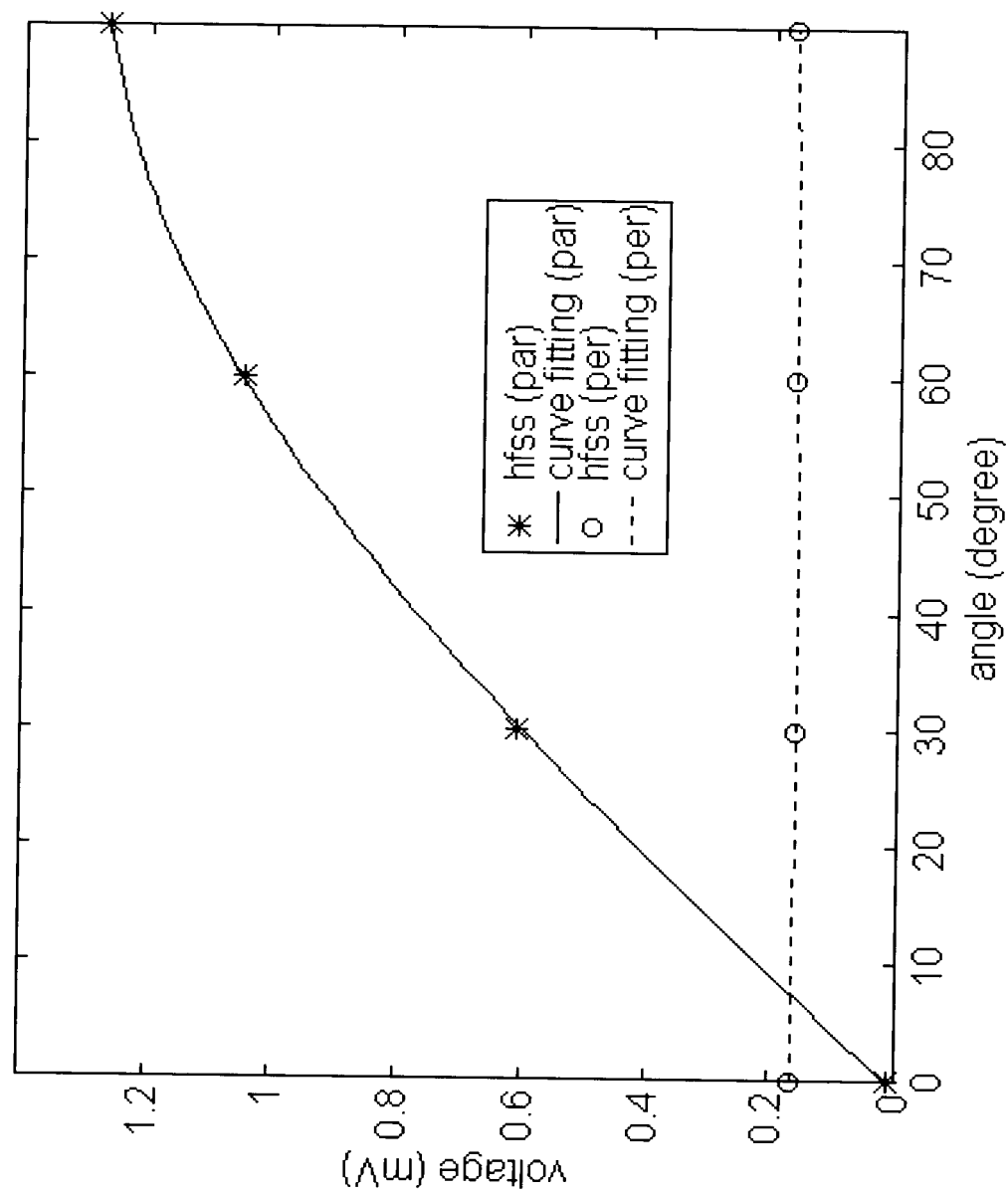


FIG. 39

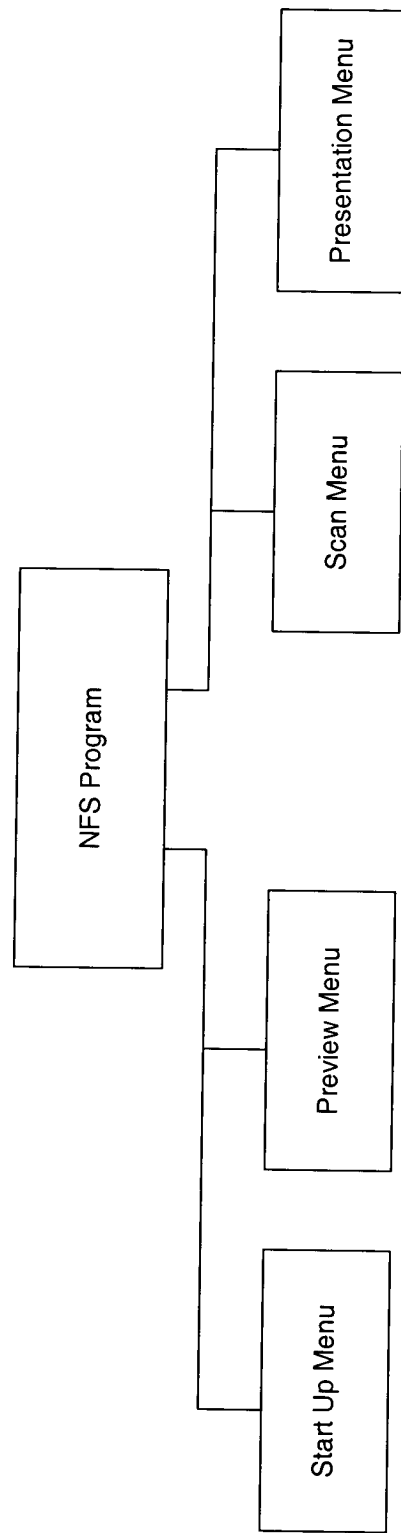


FIG. 40

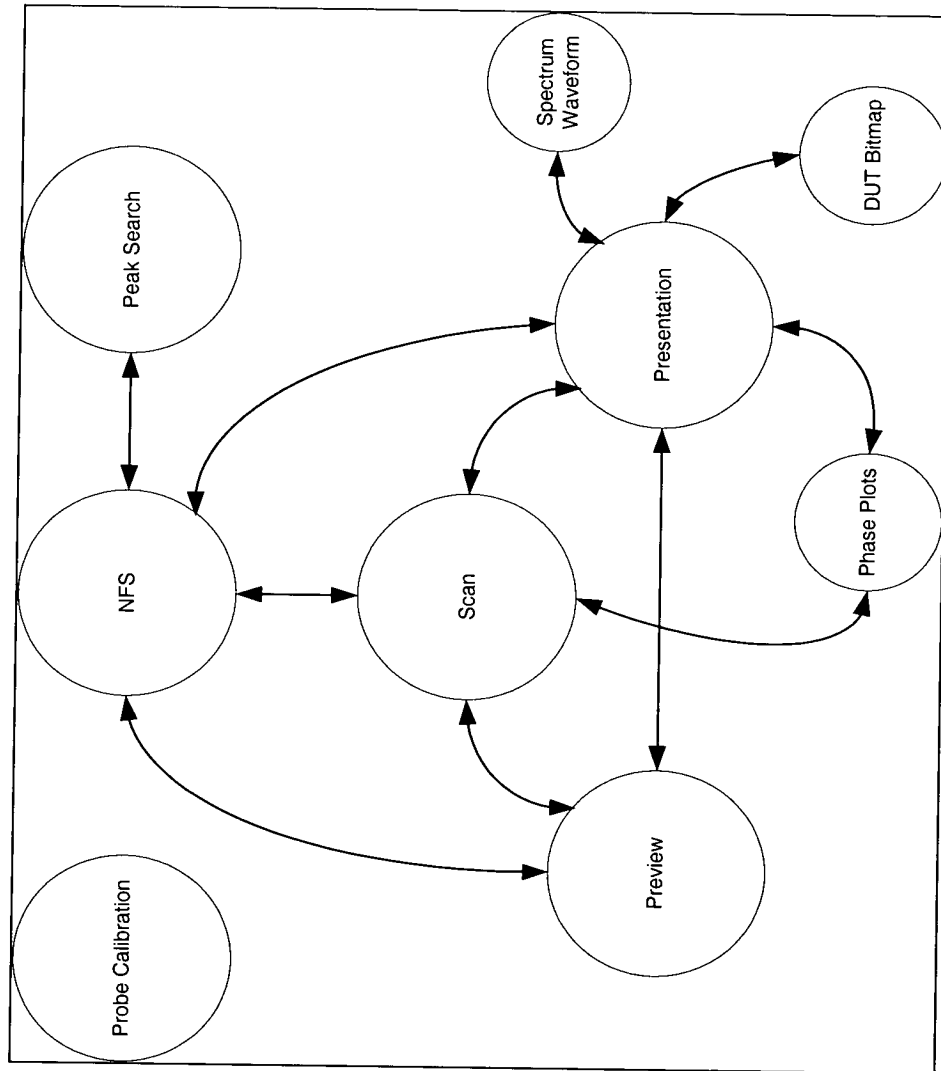


FIG. 41

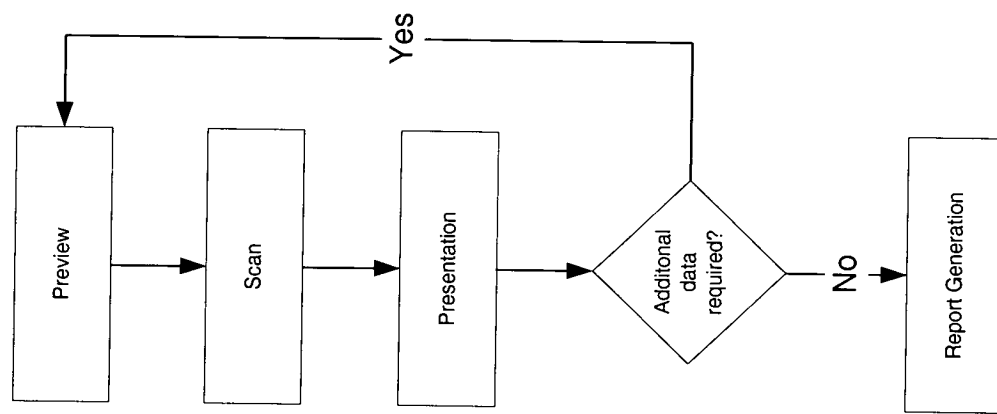


FIG. 42

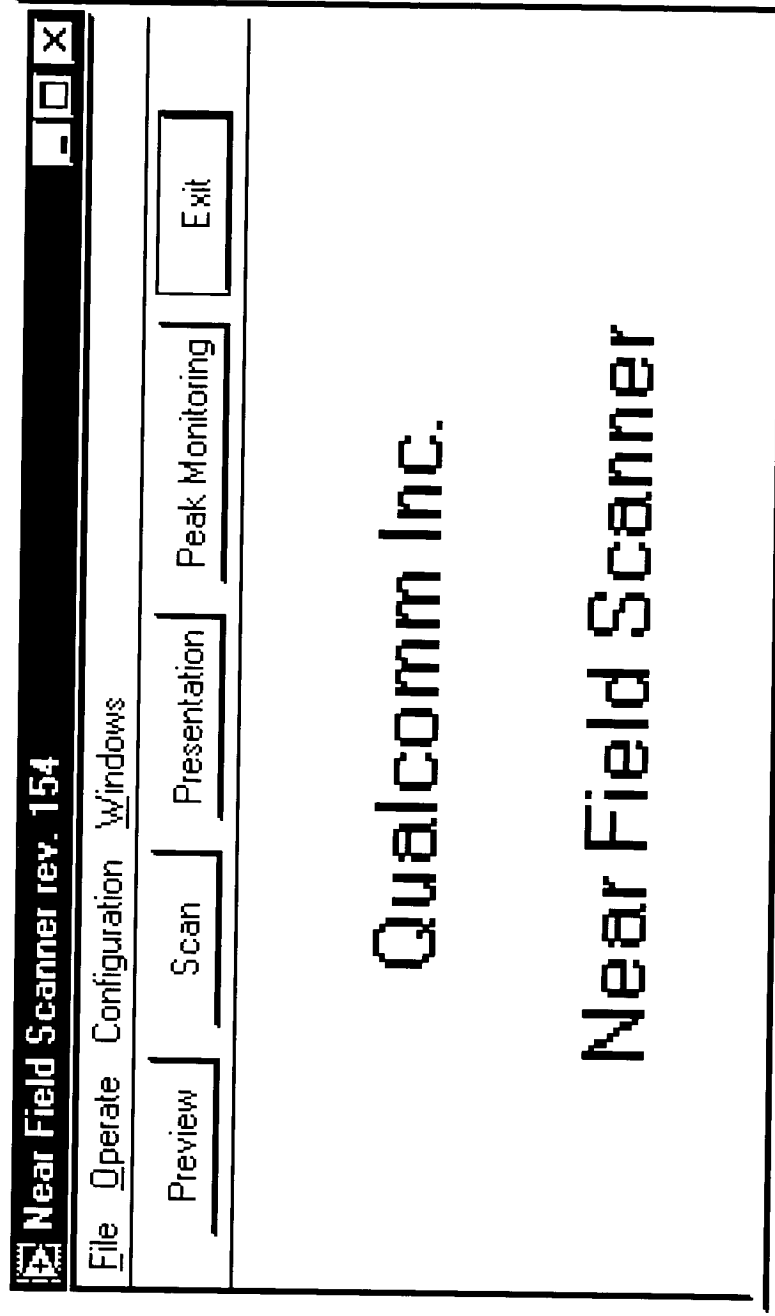


FIG. 44

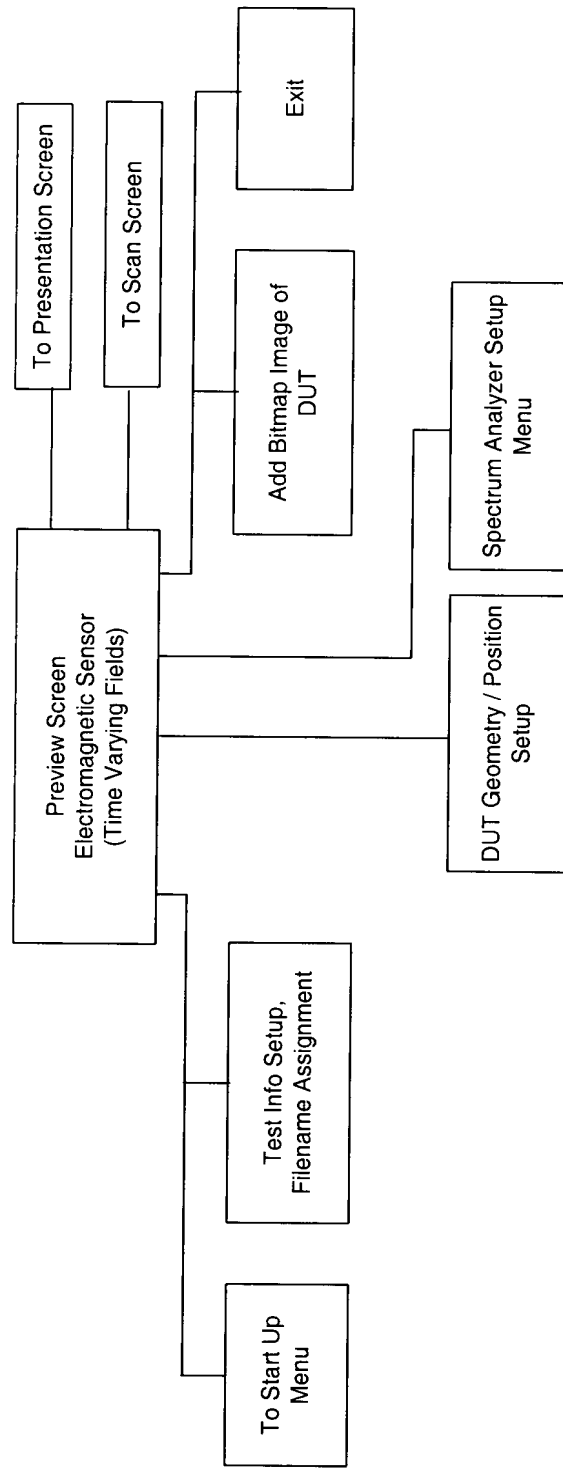


FIG. 45

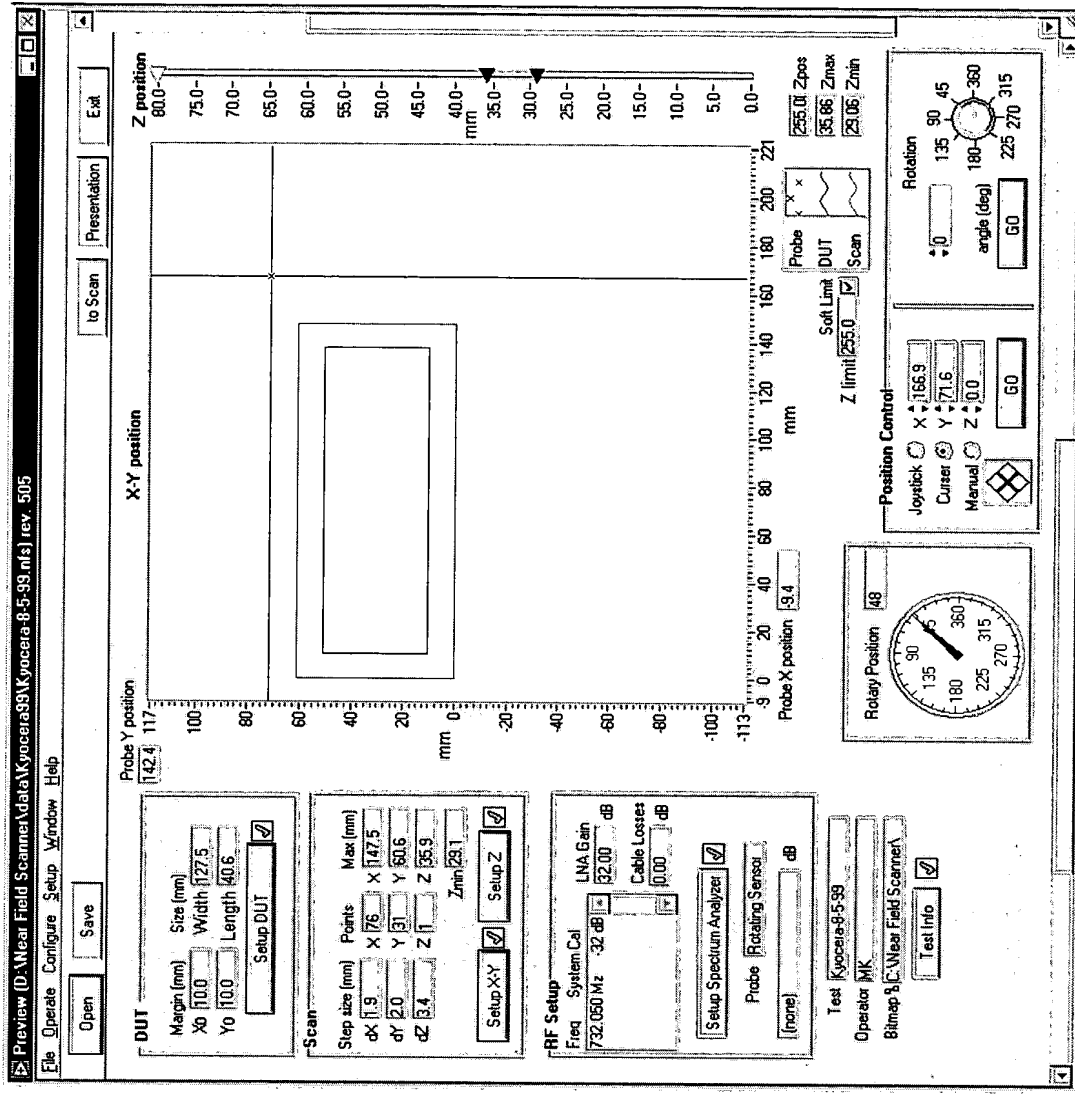


FIG. 46

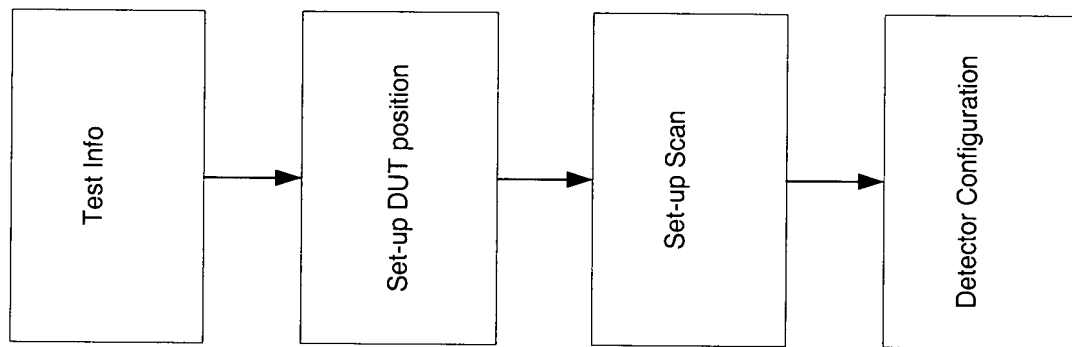


FIG. 47

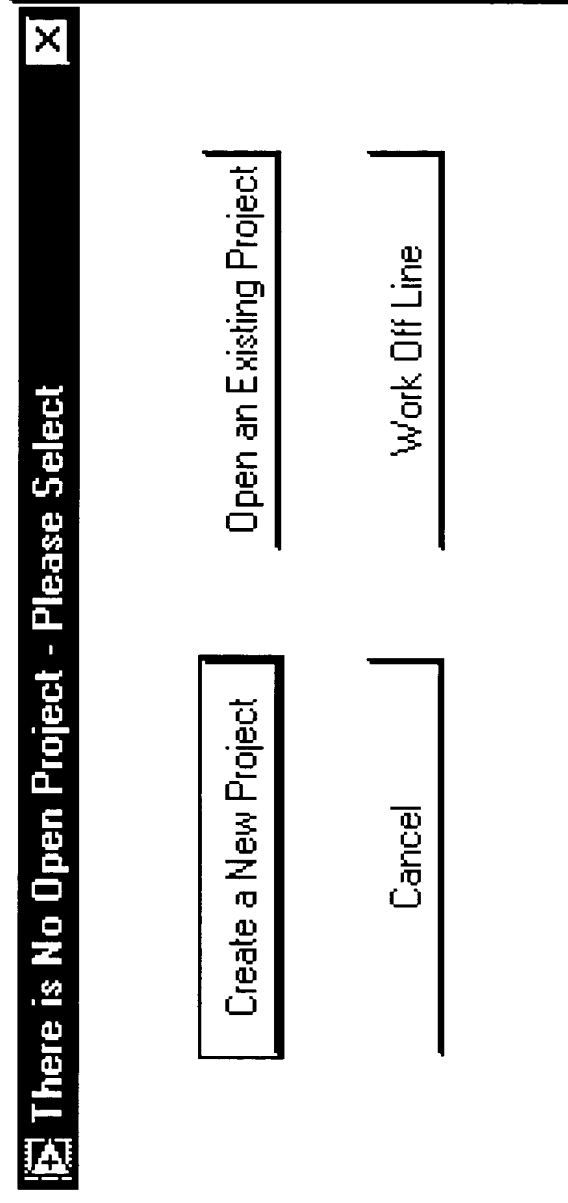


FIG. 48

Edit Probe Transfer Factor rev. 15

Probe Name

Ball-2

Units

dB uV/m

Probe correction equation

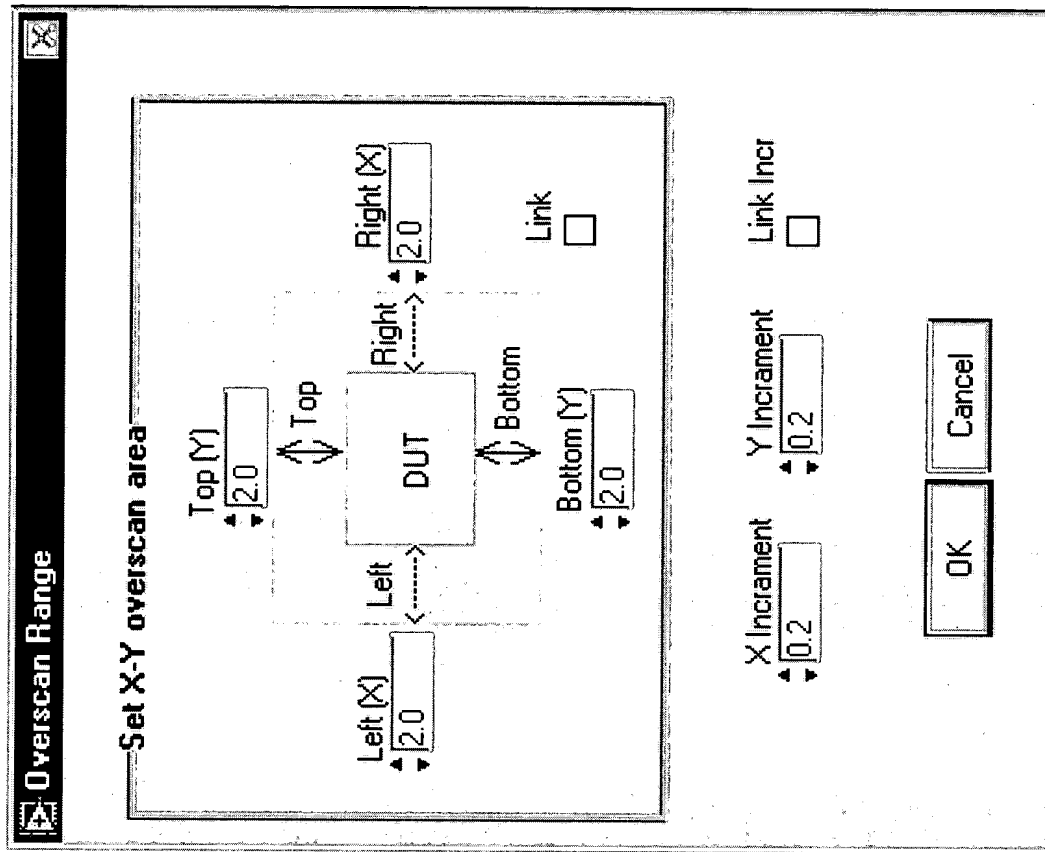
$$CF = 101.334846 - (0.19858186 * f) + (0.00048578 * f^2) - (5.7022E-7) * (f^3) + (3.0722E-10)$$

Cancel

OK

FIG. 49

FIG. 50



Z Axes Parameters

Enter Desired Z Axes Parameters

Maximum Height above DUT (mm) 20.00

Minimum Height above DUT (mm) 6.32

Number of Planes 3

Offset between Limit Switch Position & DUT (mm) 2.00

Use Limit Switch

mm per Plane 6.84

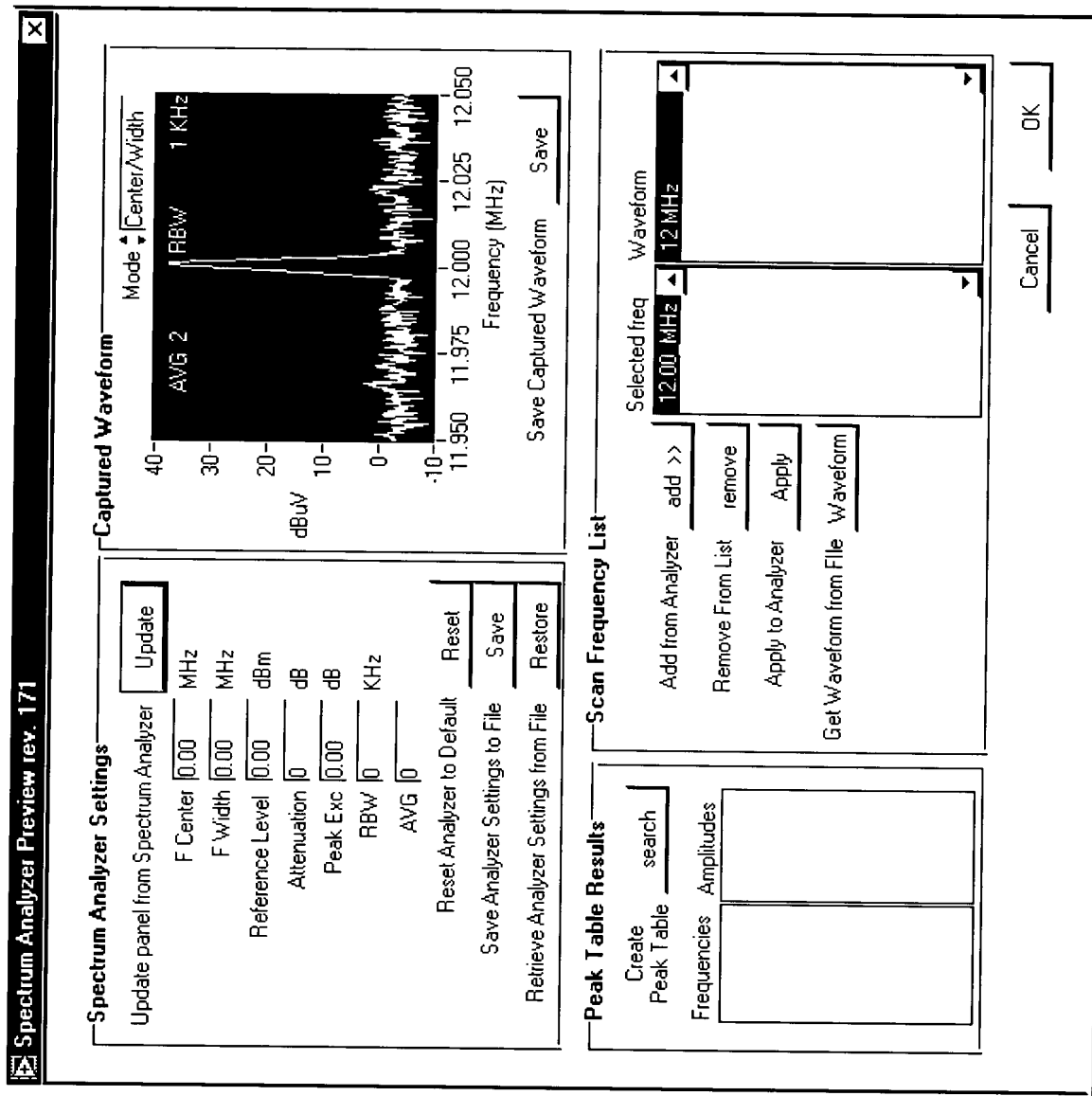
Cancel

OK

The diagram illustrates the Z axes parameters. It shows a horizontal line representing the 'Limit Switch' position, with a vertical arrow labeled 'Offset' pointing down to the 'DUT' (Device Under Test) surface. Above the limit switch line, two horizontal bars represent the 'Maximum Height' and 'Minimum Height' of the DUT. The 'Maximum Height' bar is longer than the 'Minimum Height' bar. The 'DUT' is represented by a rectangle at the bottom right of the diagram.

FIG. 51

FIG. 52



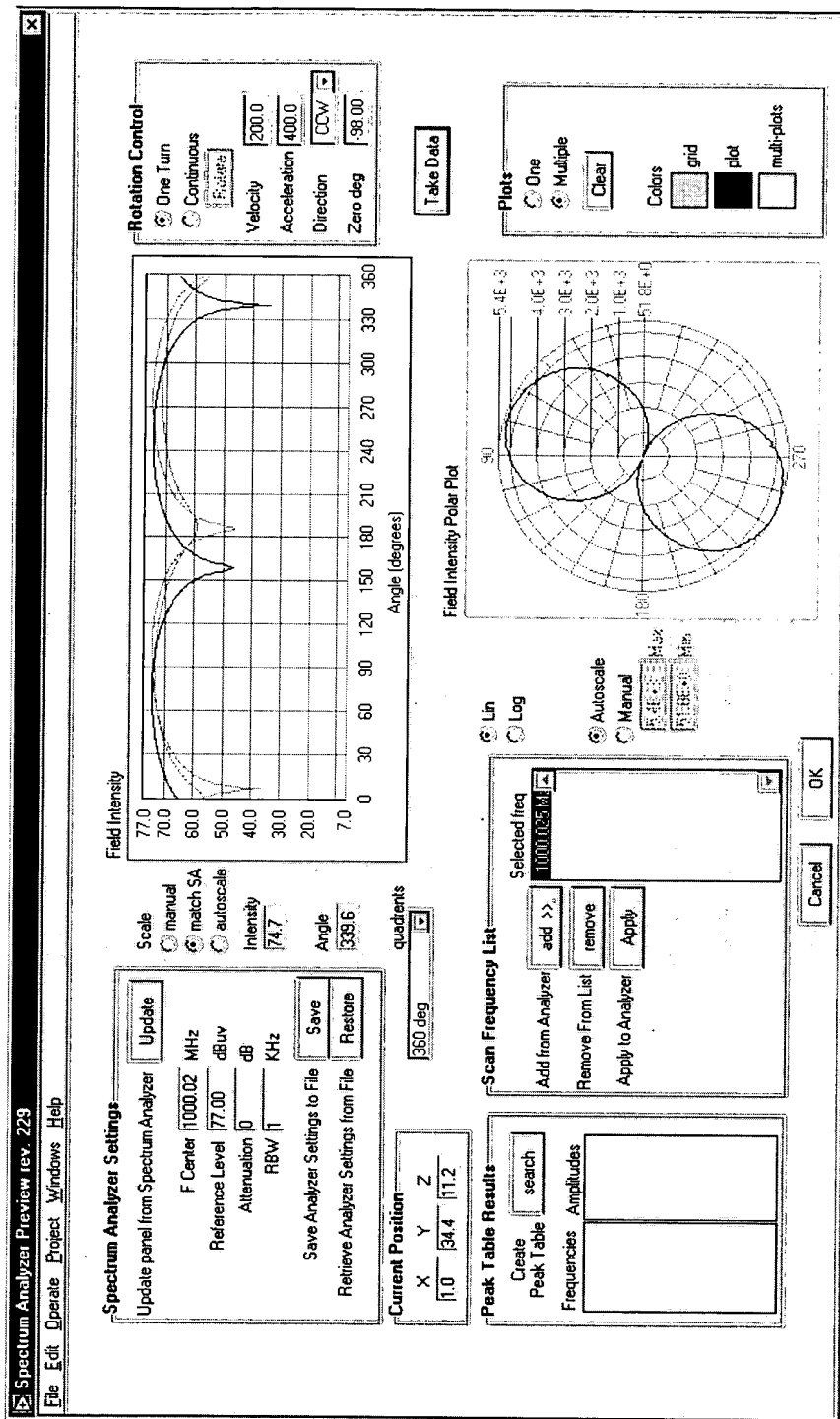


FIG. 53

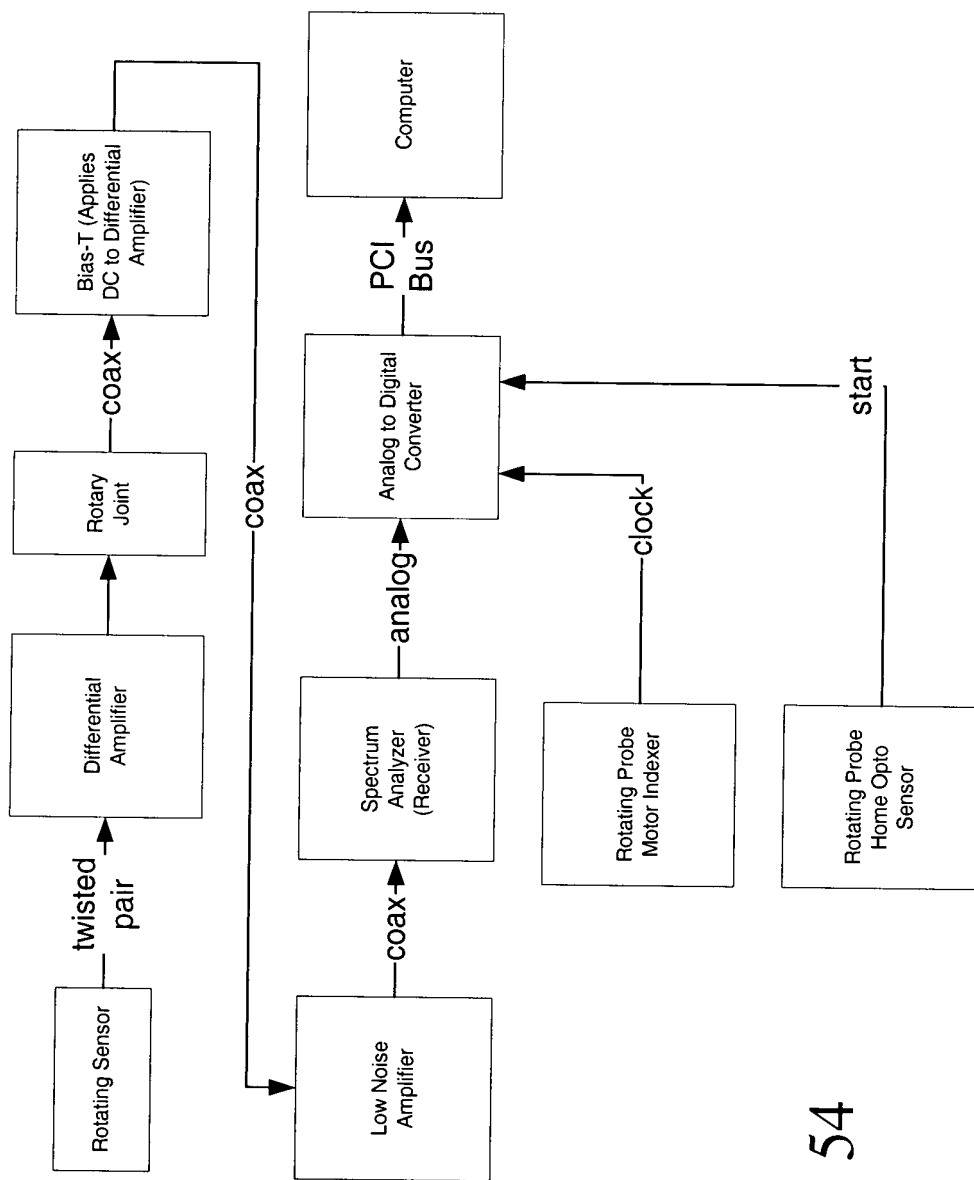


FIG. 54

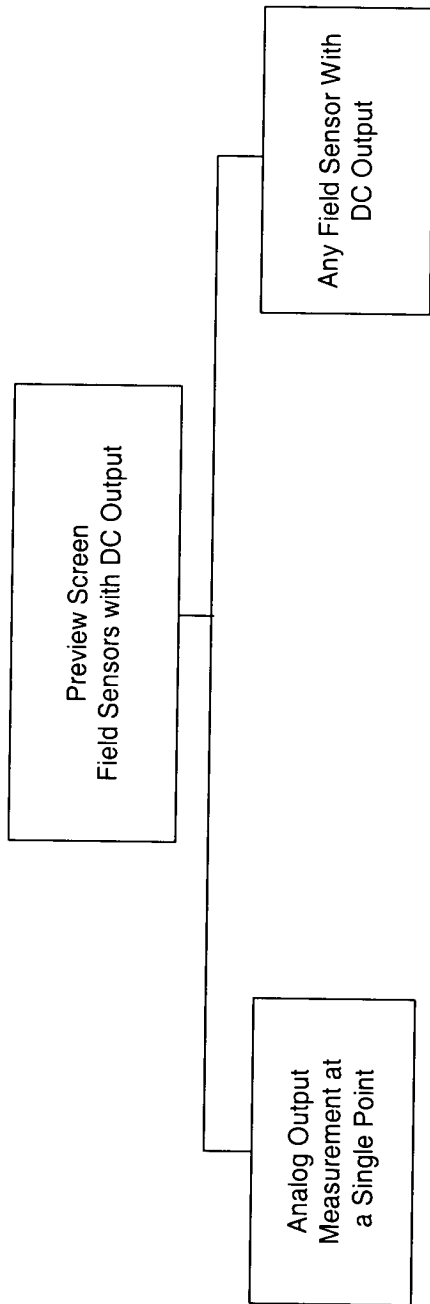


FIG. 55

FOOD CHOCOL

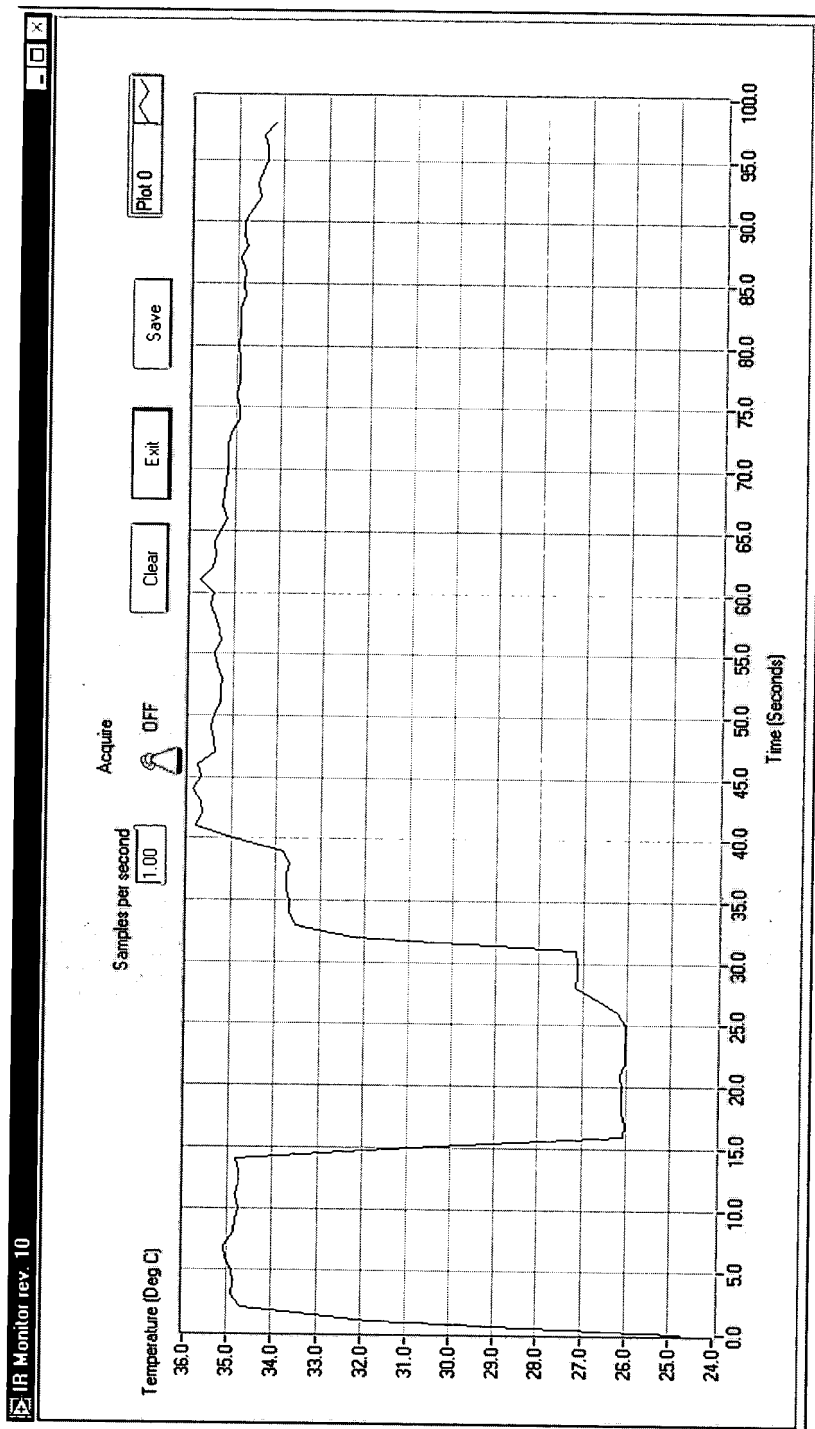


FIG. 56

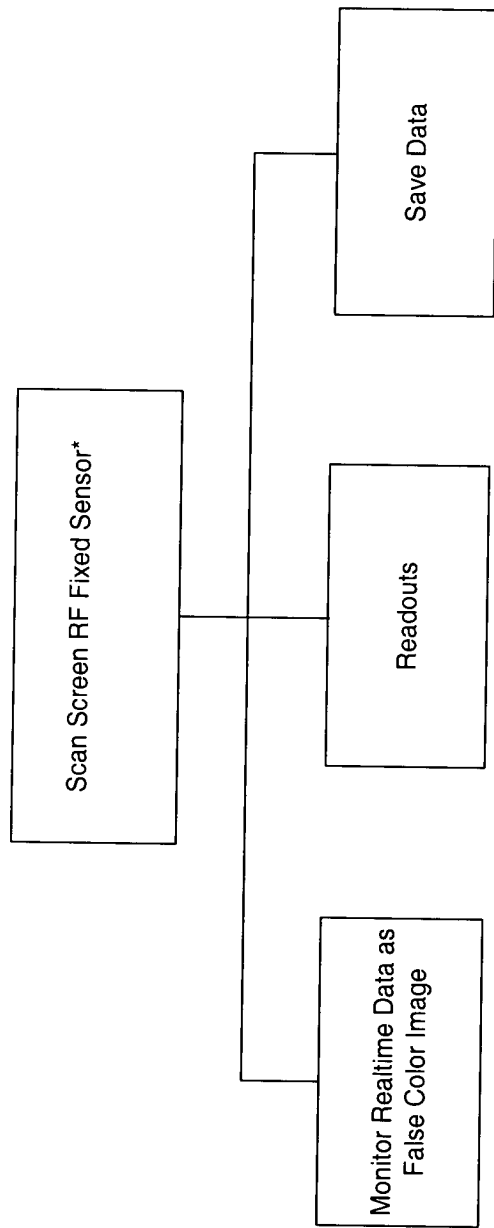


FIG. 58

FIG. 59

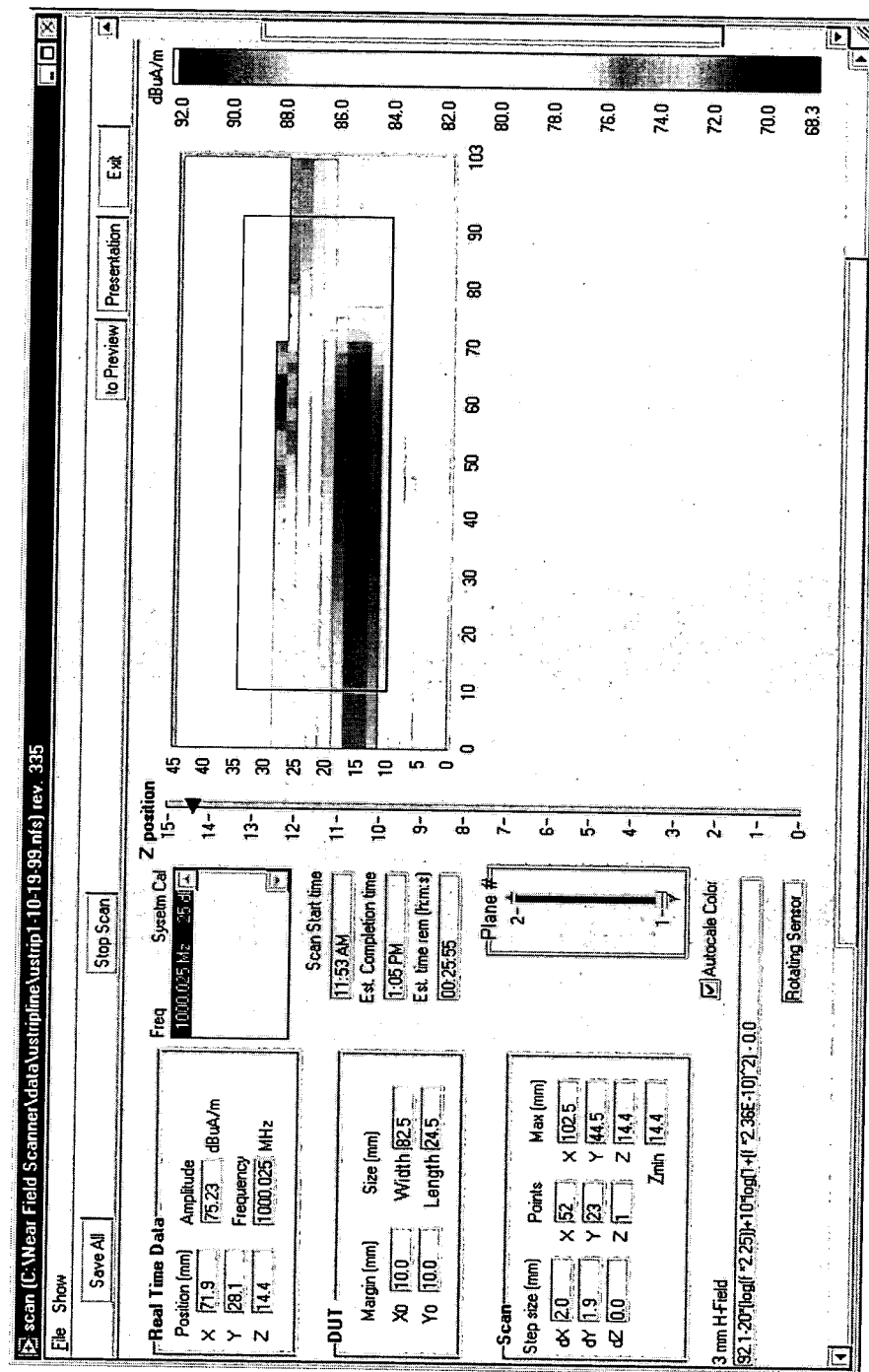
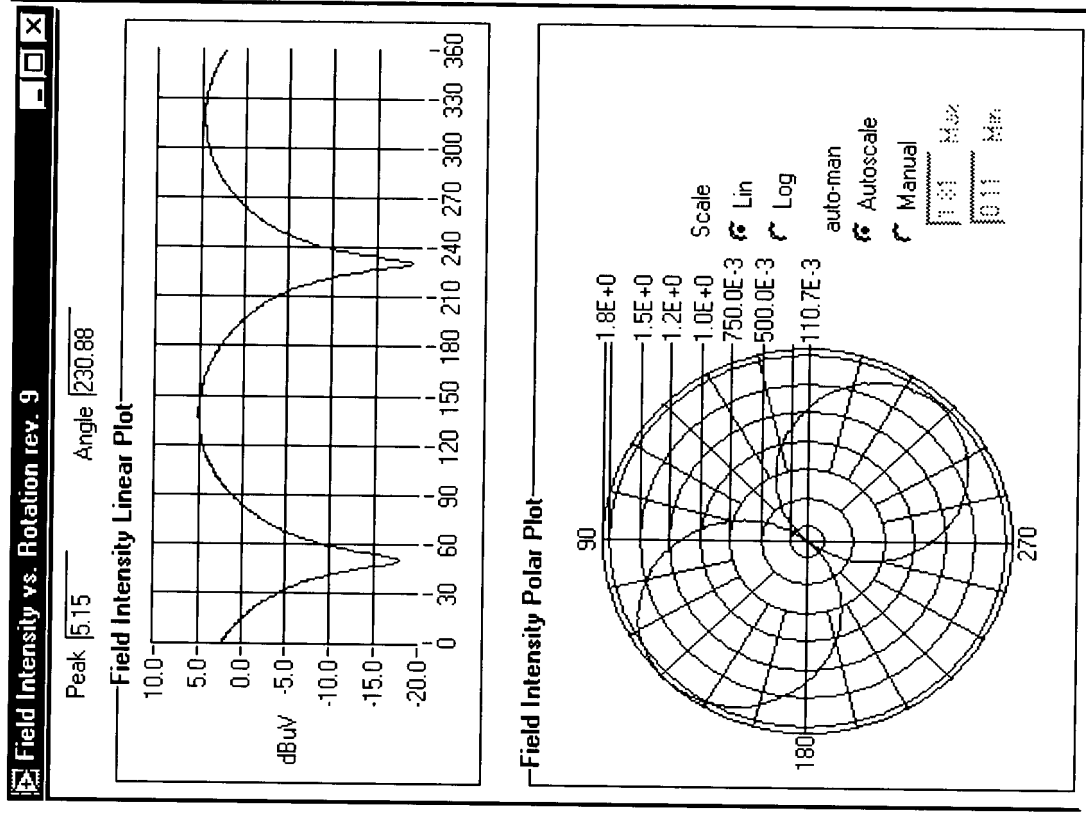


FIG. 59

FIG. 60



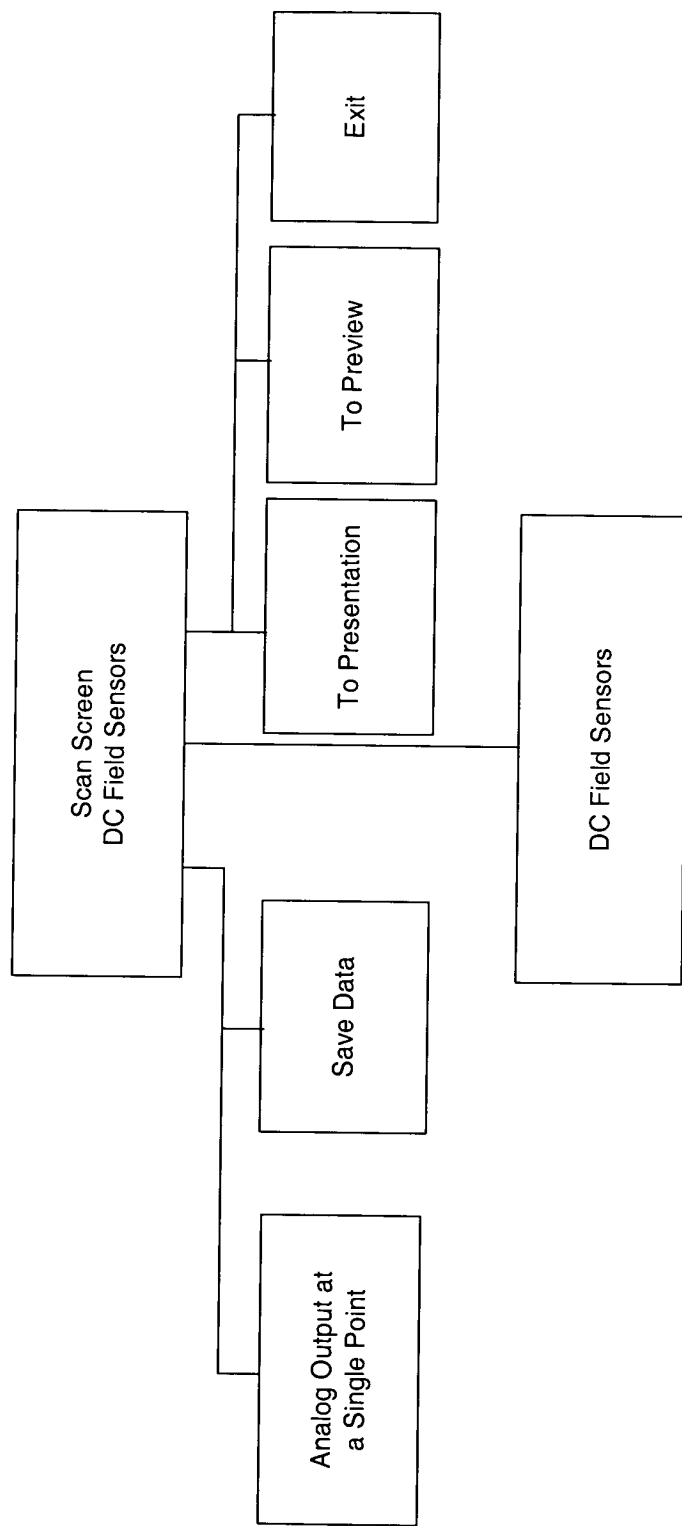


FIG. 61

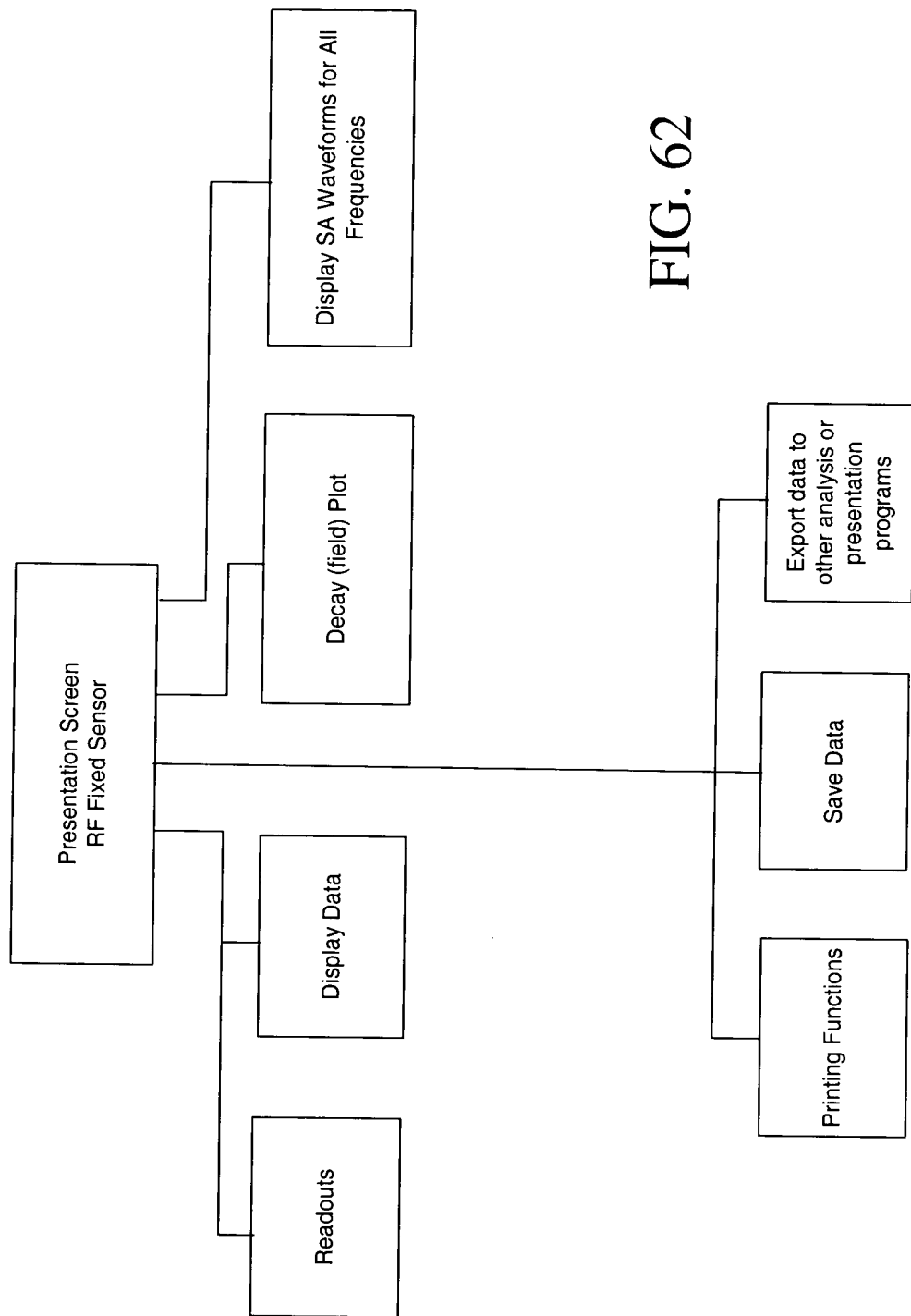


FIG. 62

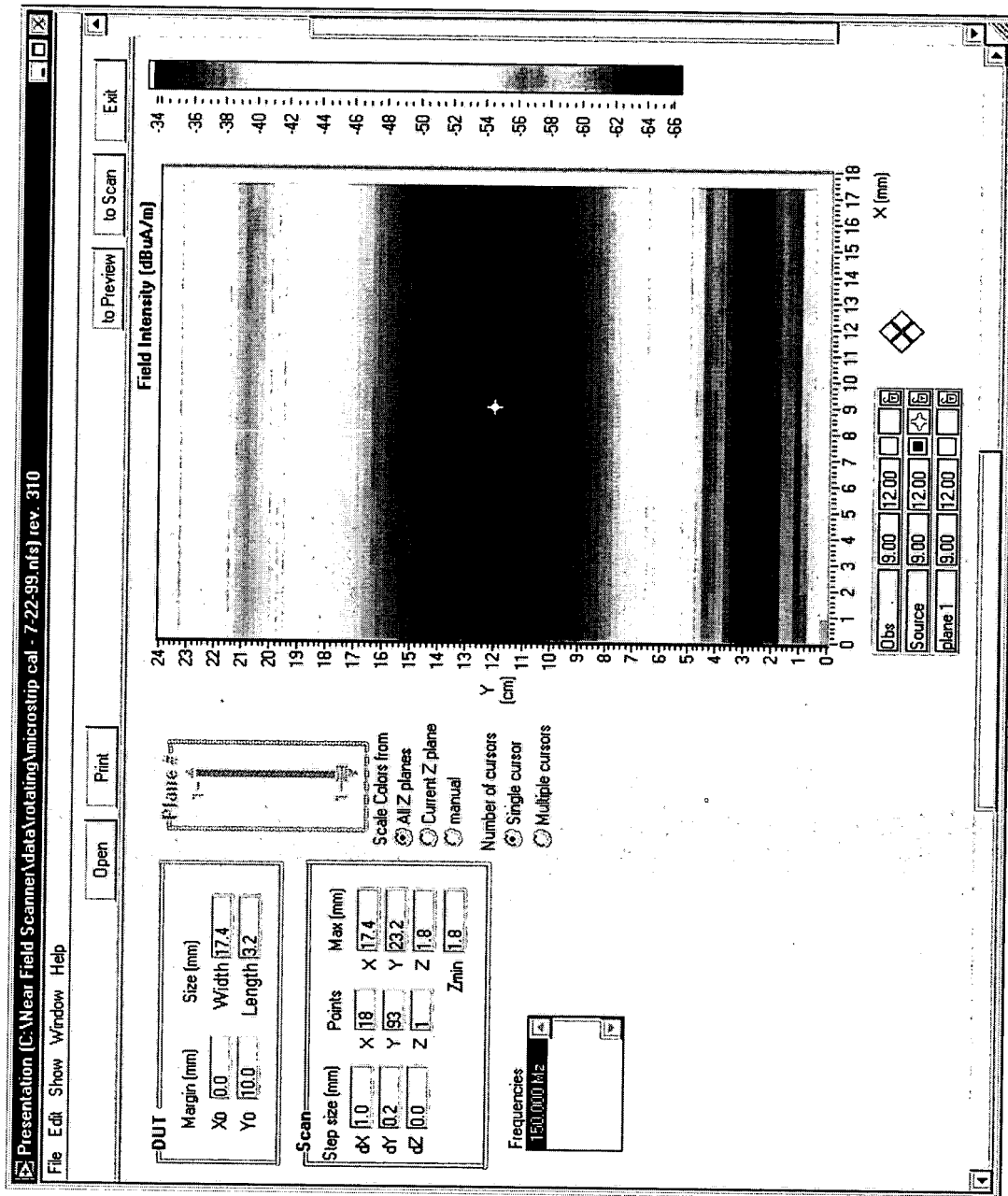
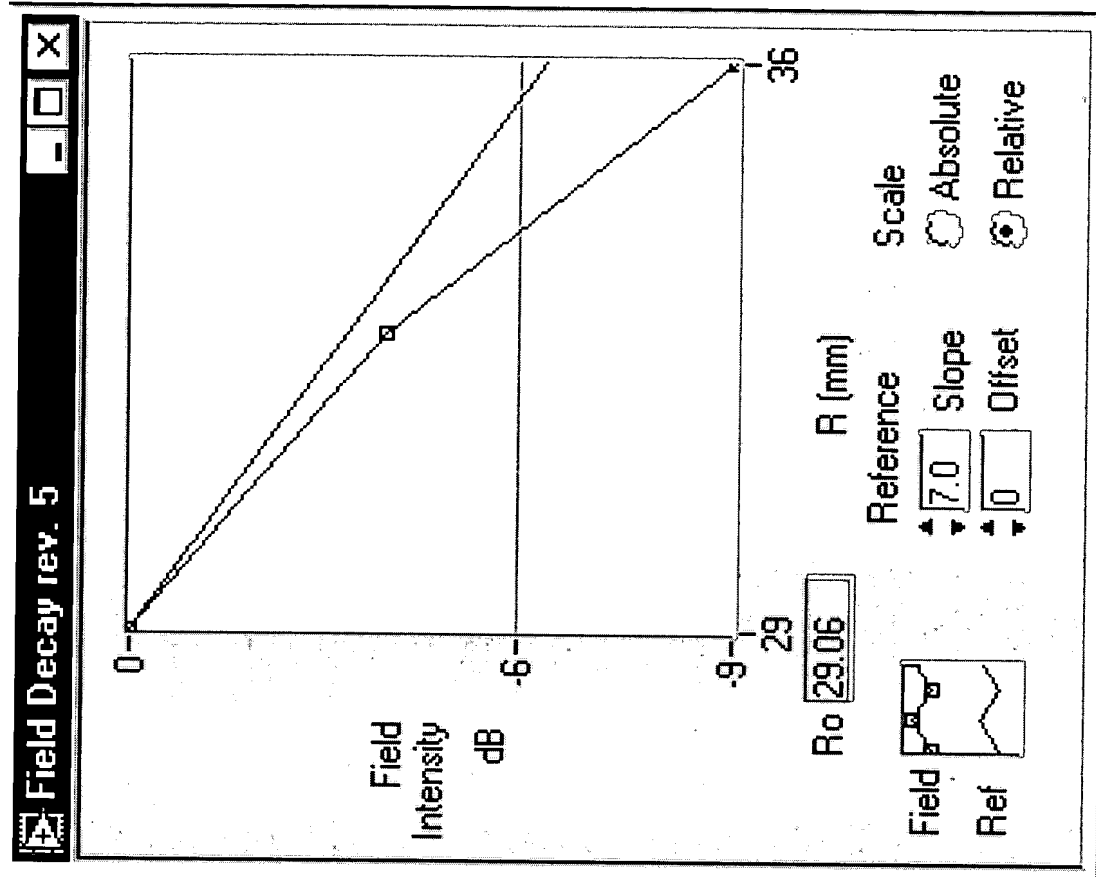


FIG. 63

FIG. 64



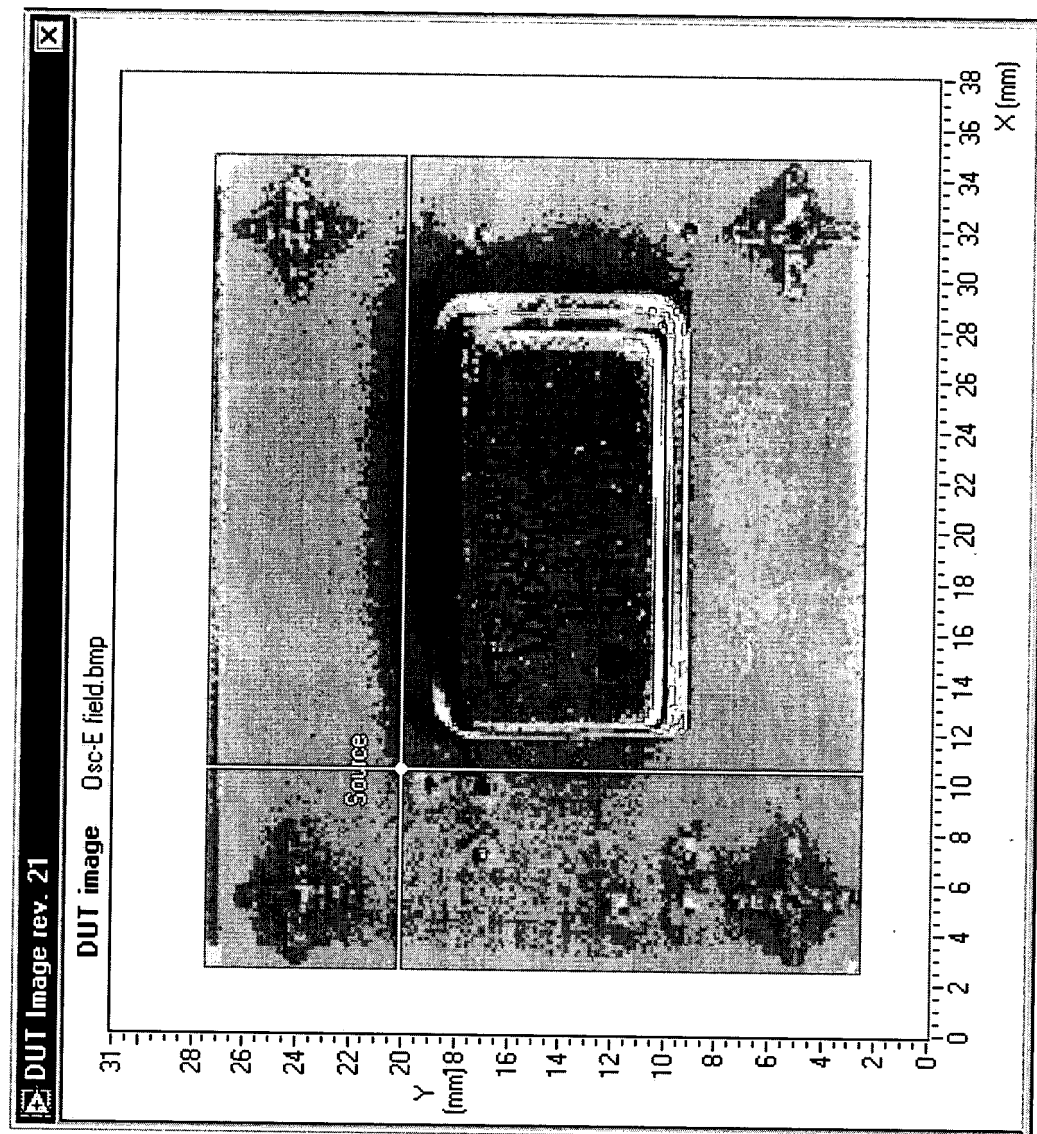
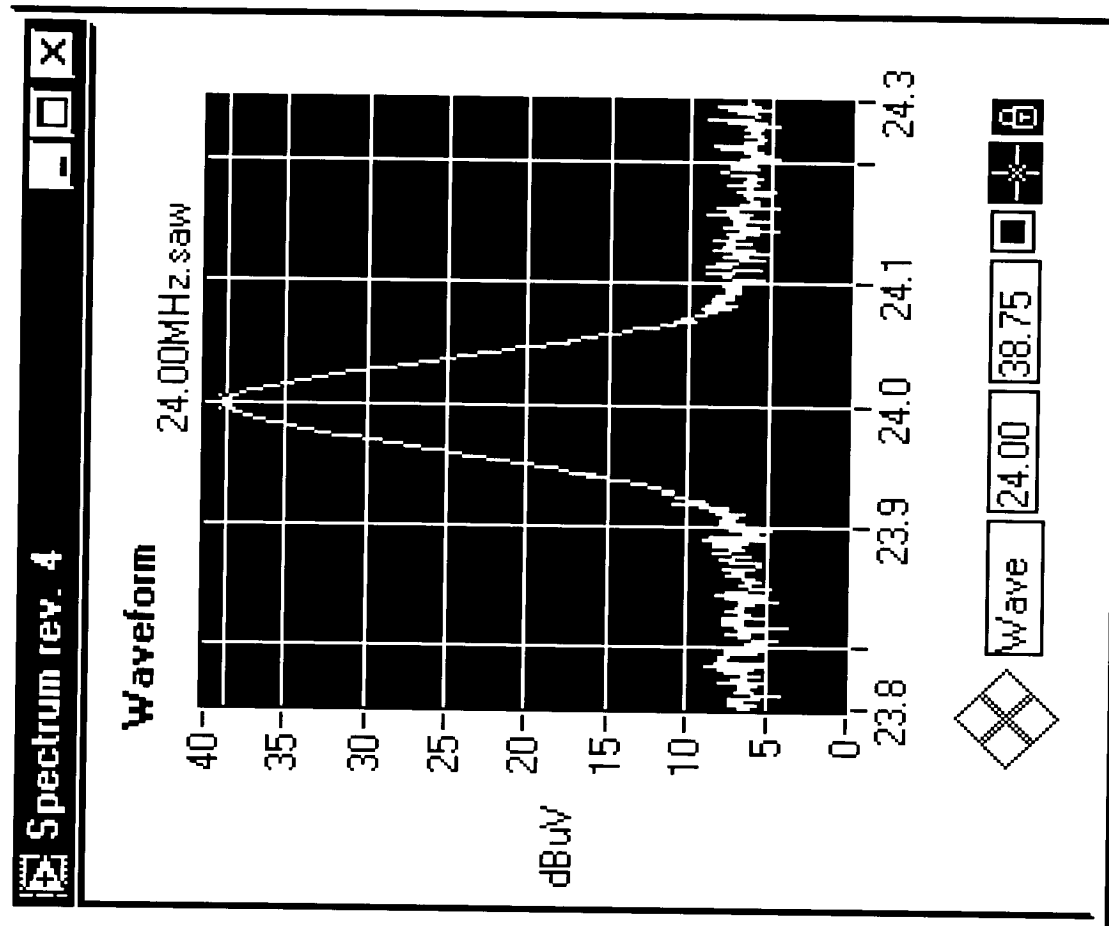


FIG. 65

FIG. 66



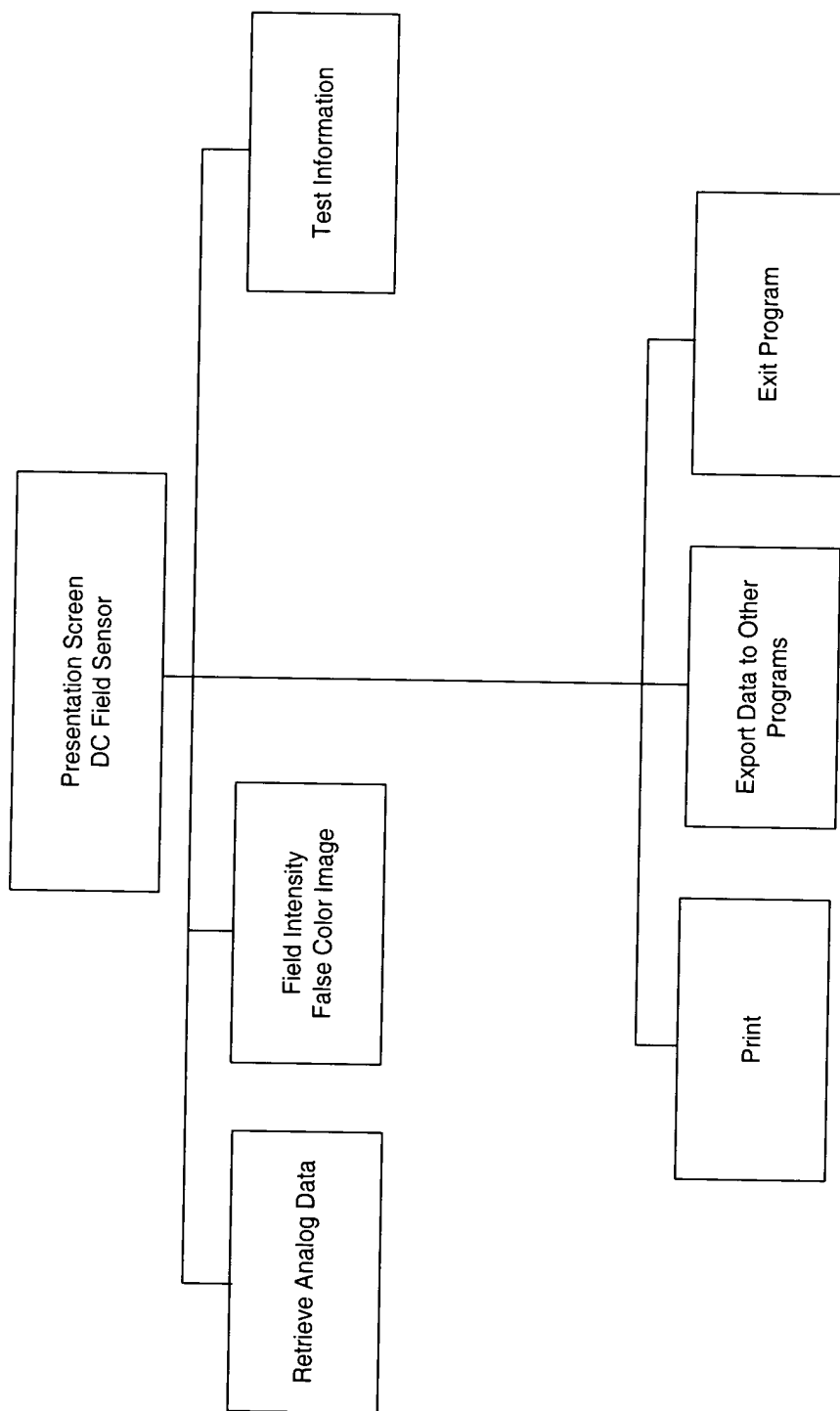


FIG. 67

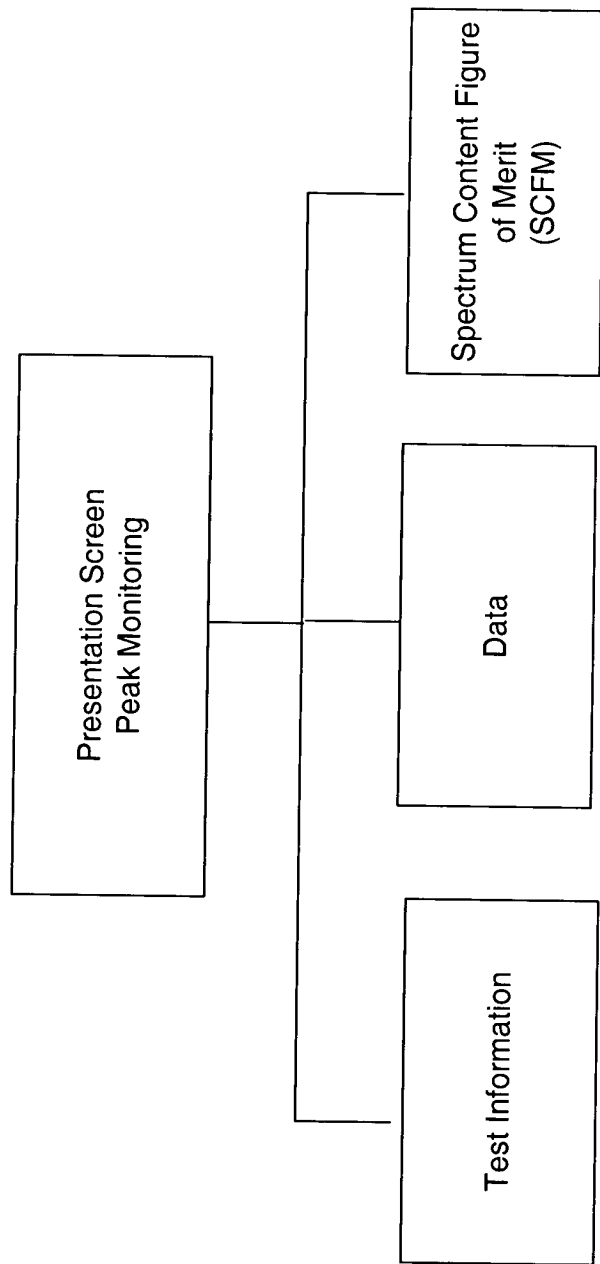


FIG. 68

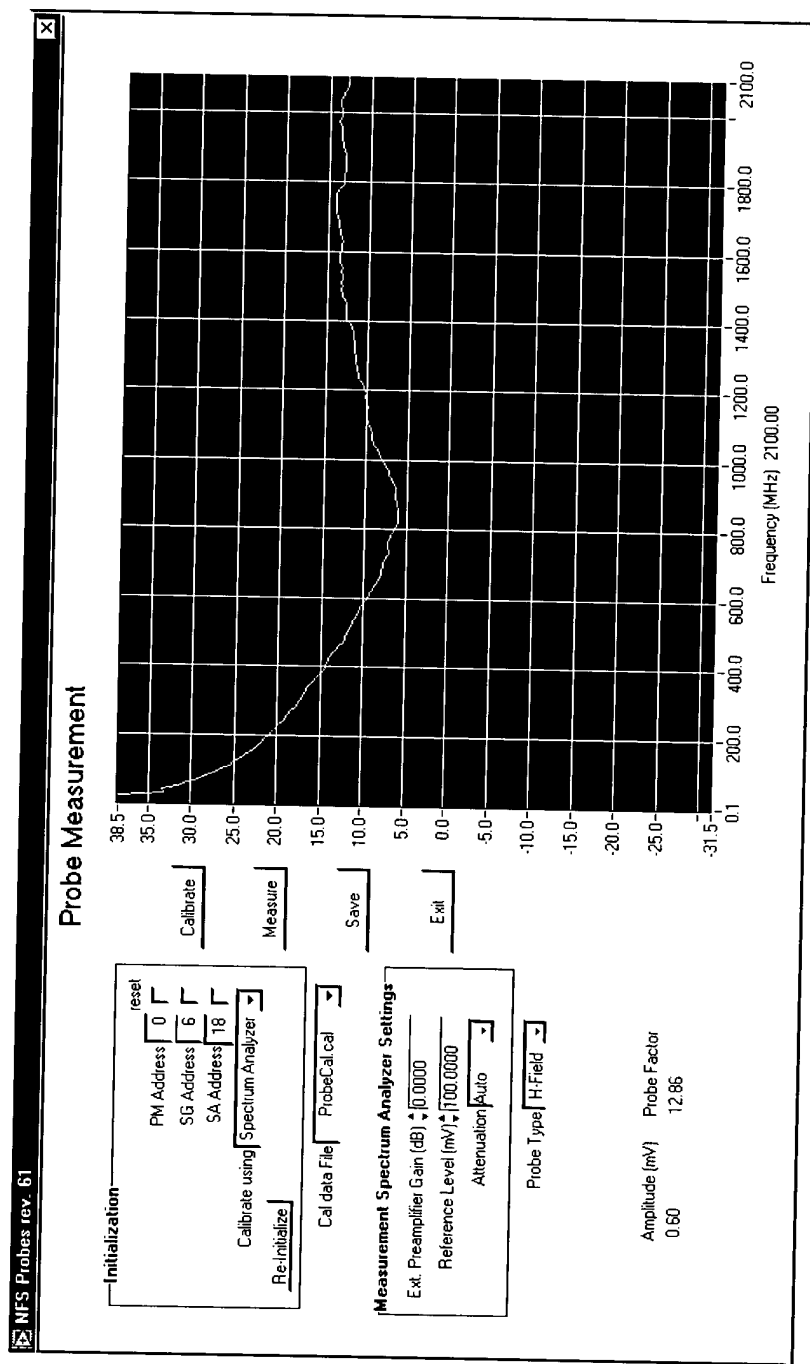
[illegible]

FIG. 69

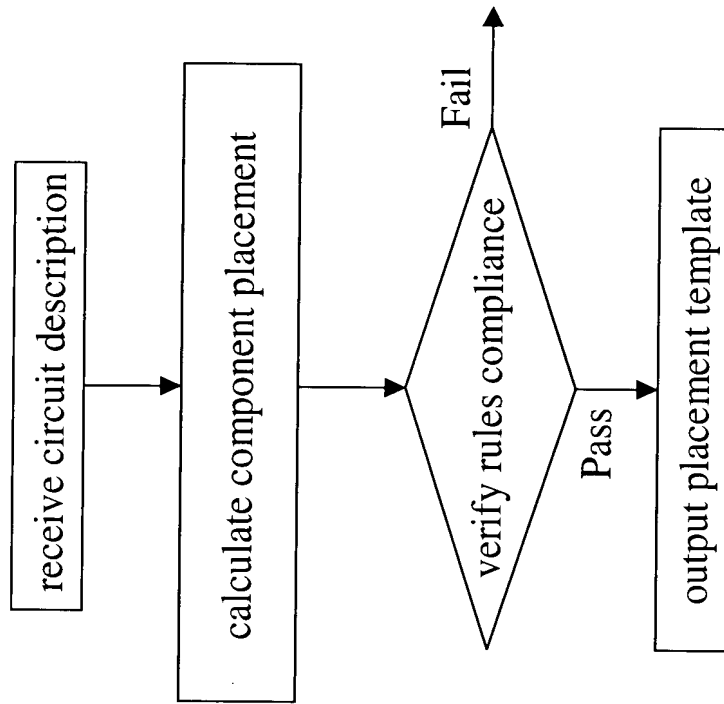


FIG. 70 (RELATED ART)

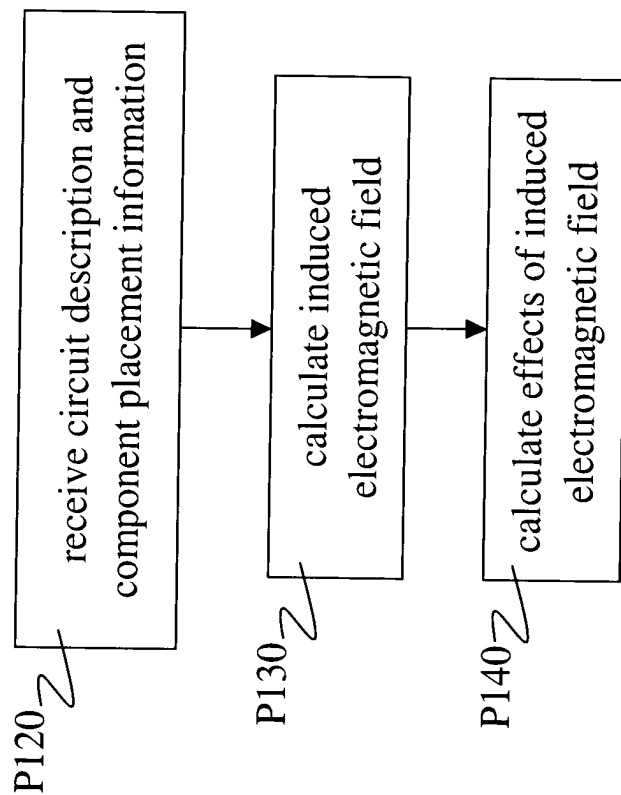


FIG. 71

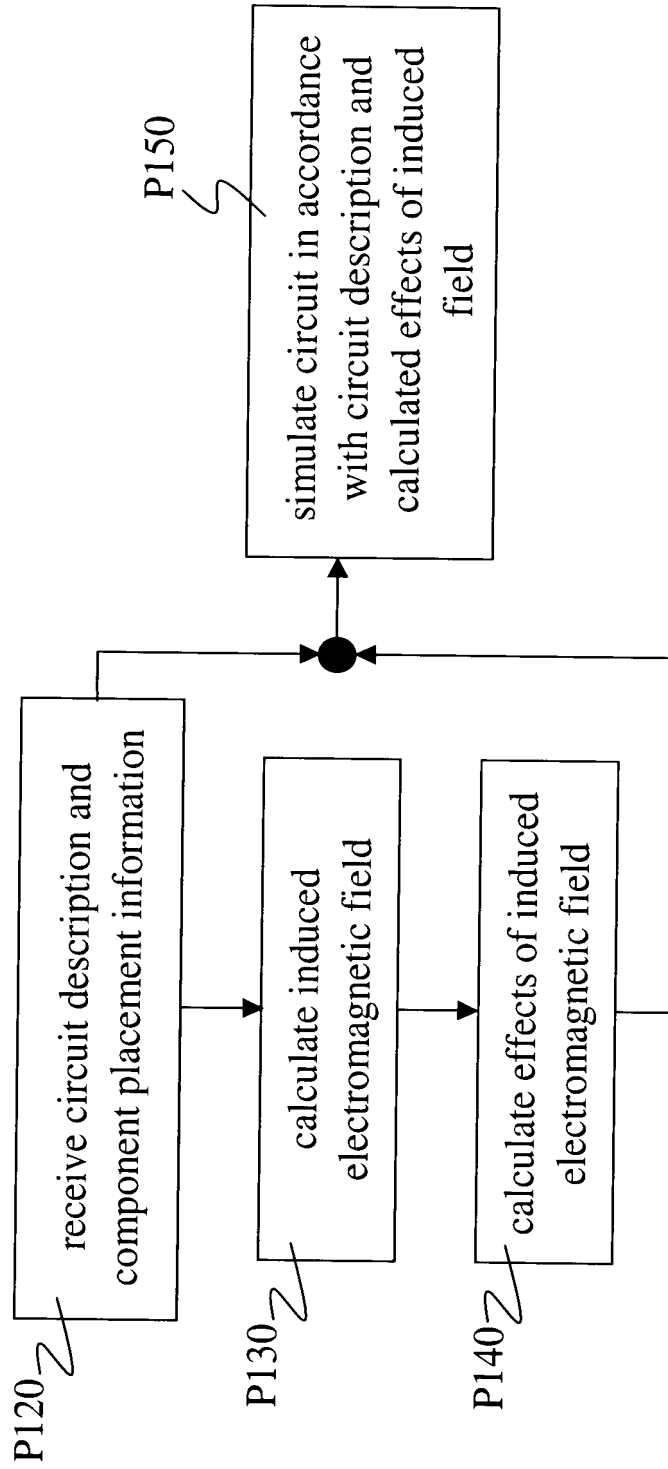


FIG. 72

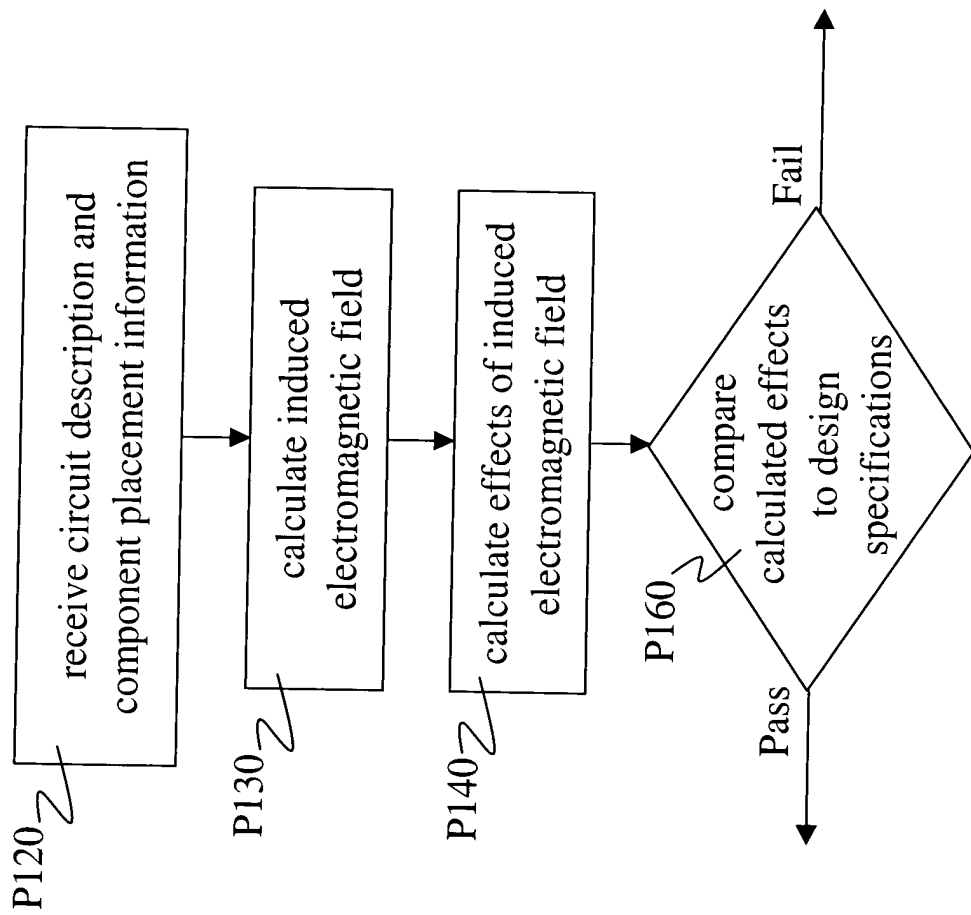


FIG. 73

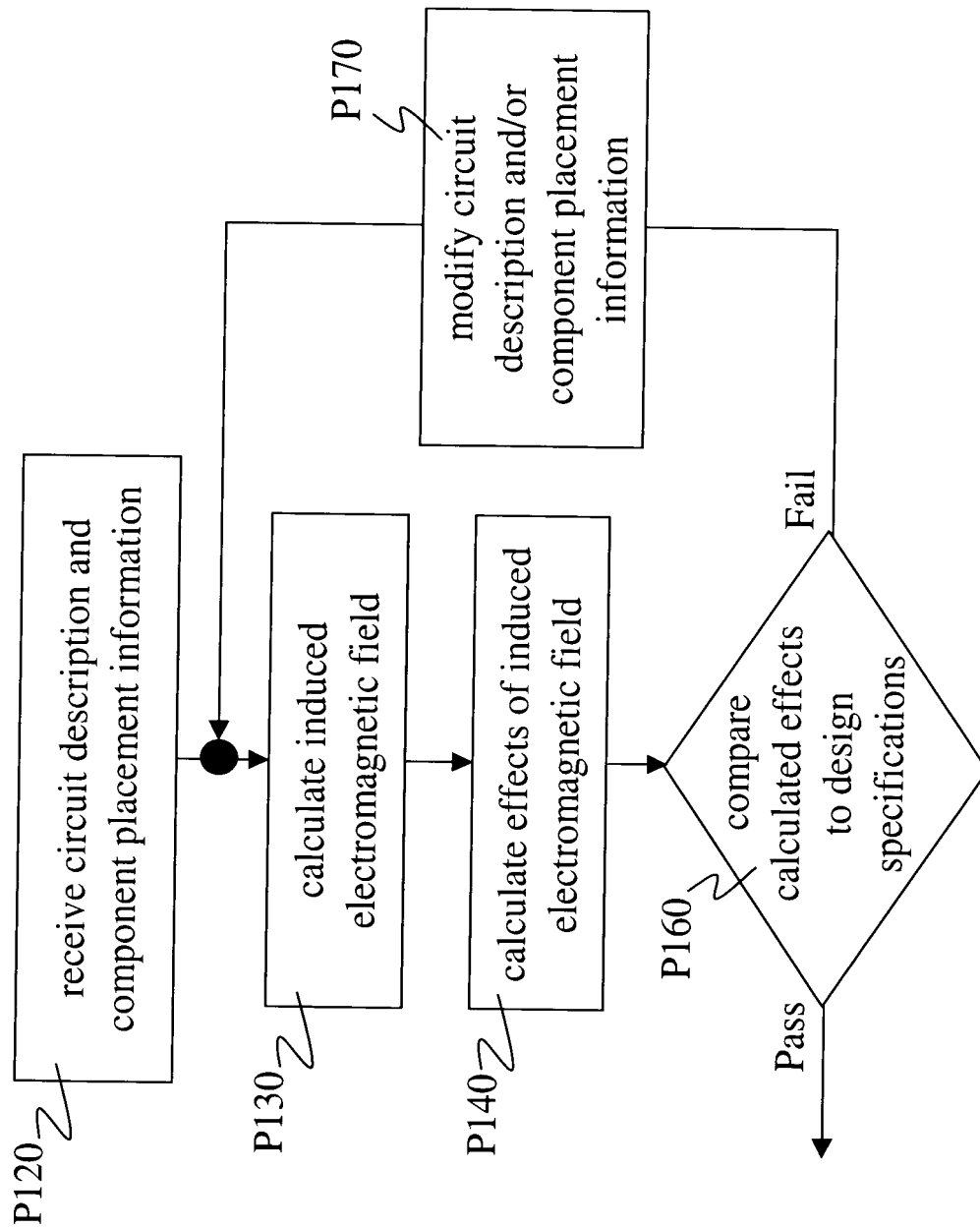


FIG. 74

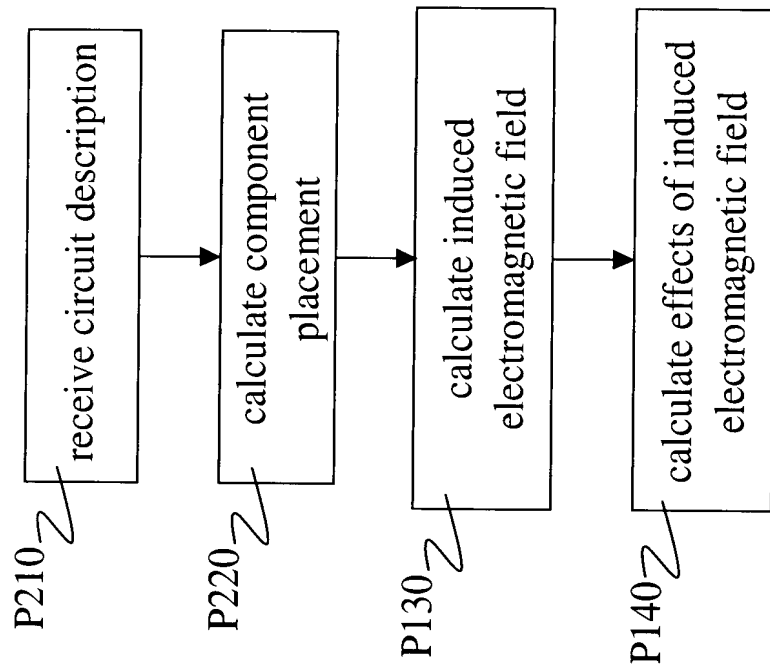


FIG. 75

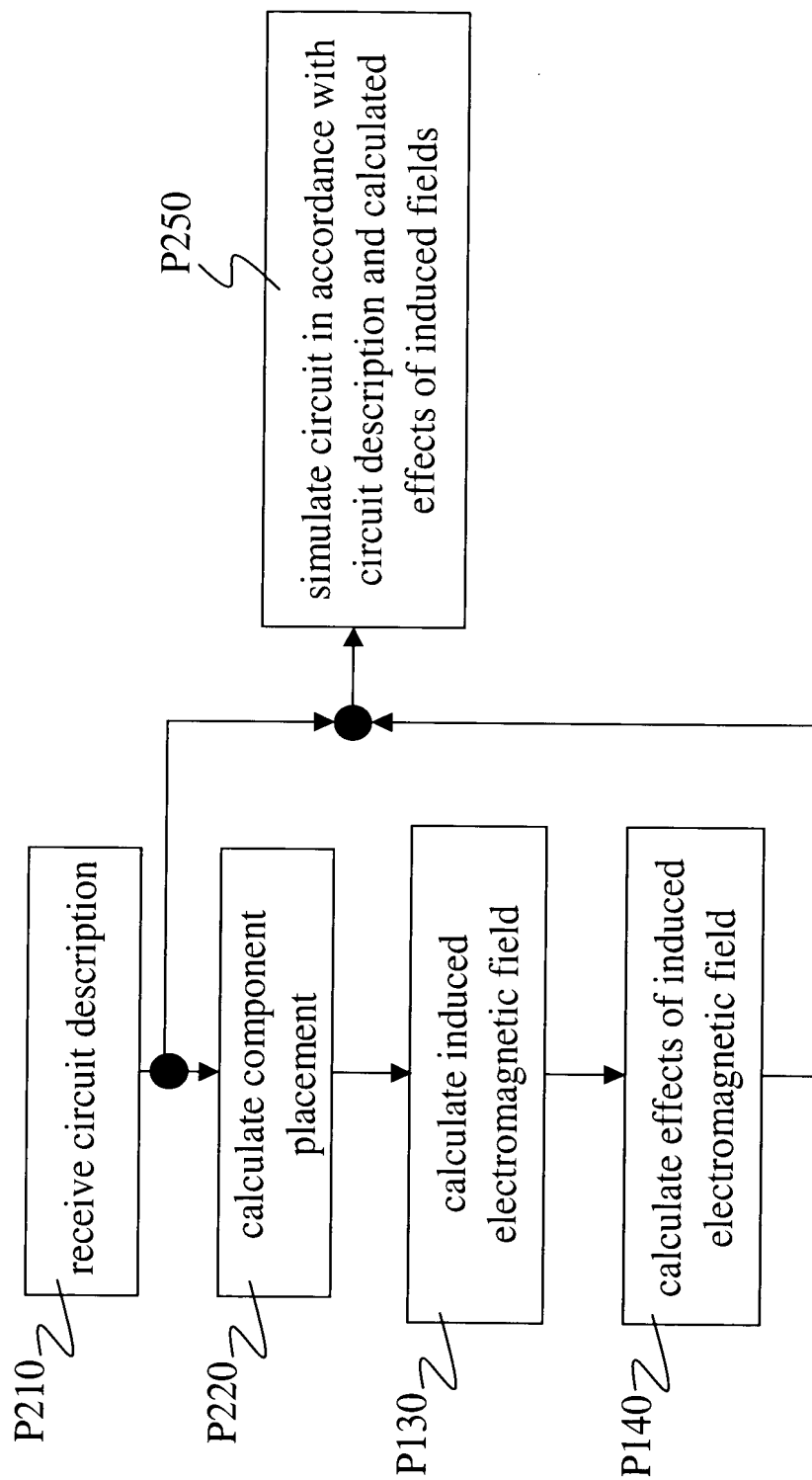


FIG. 76

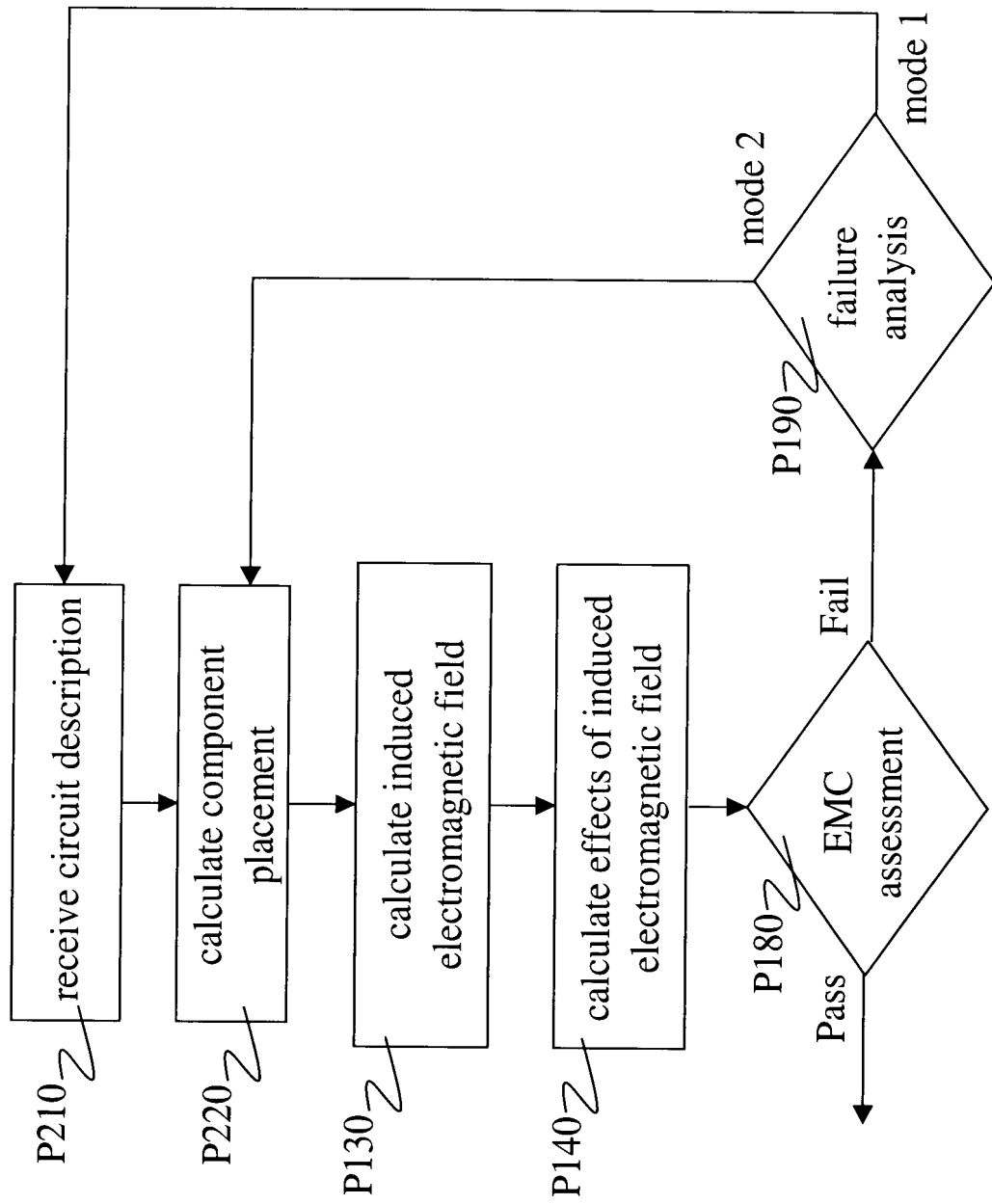


FIG. 77

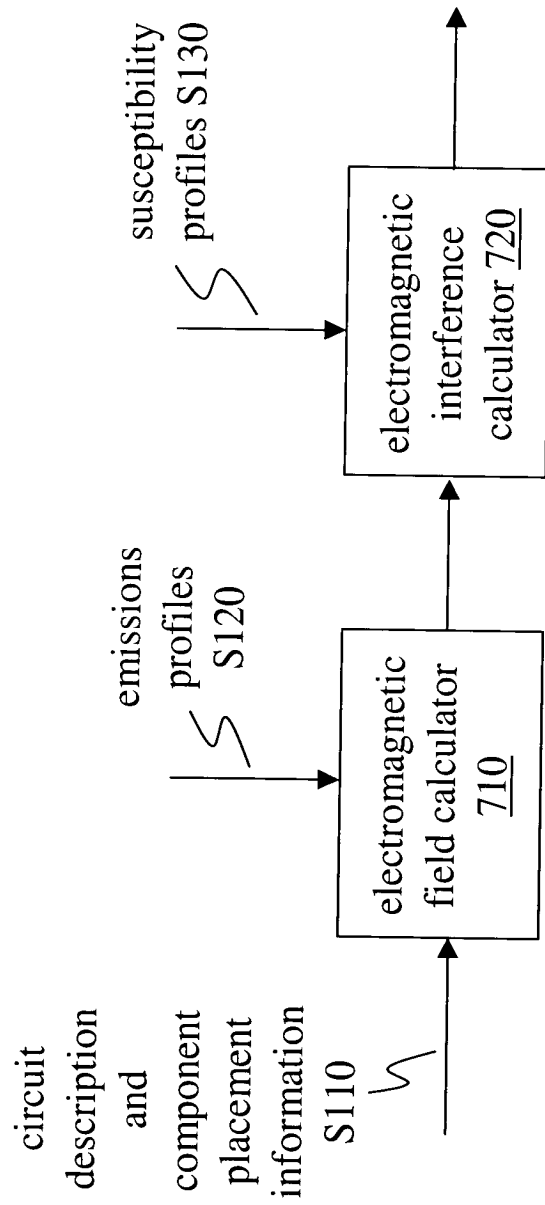


FIG. 78

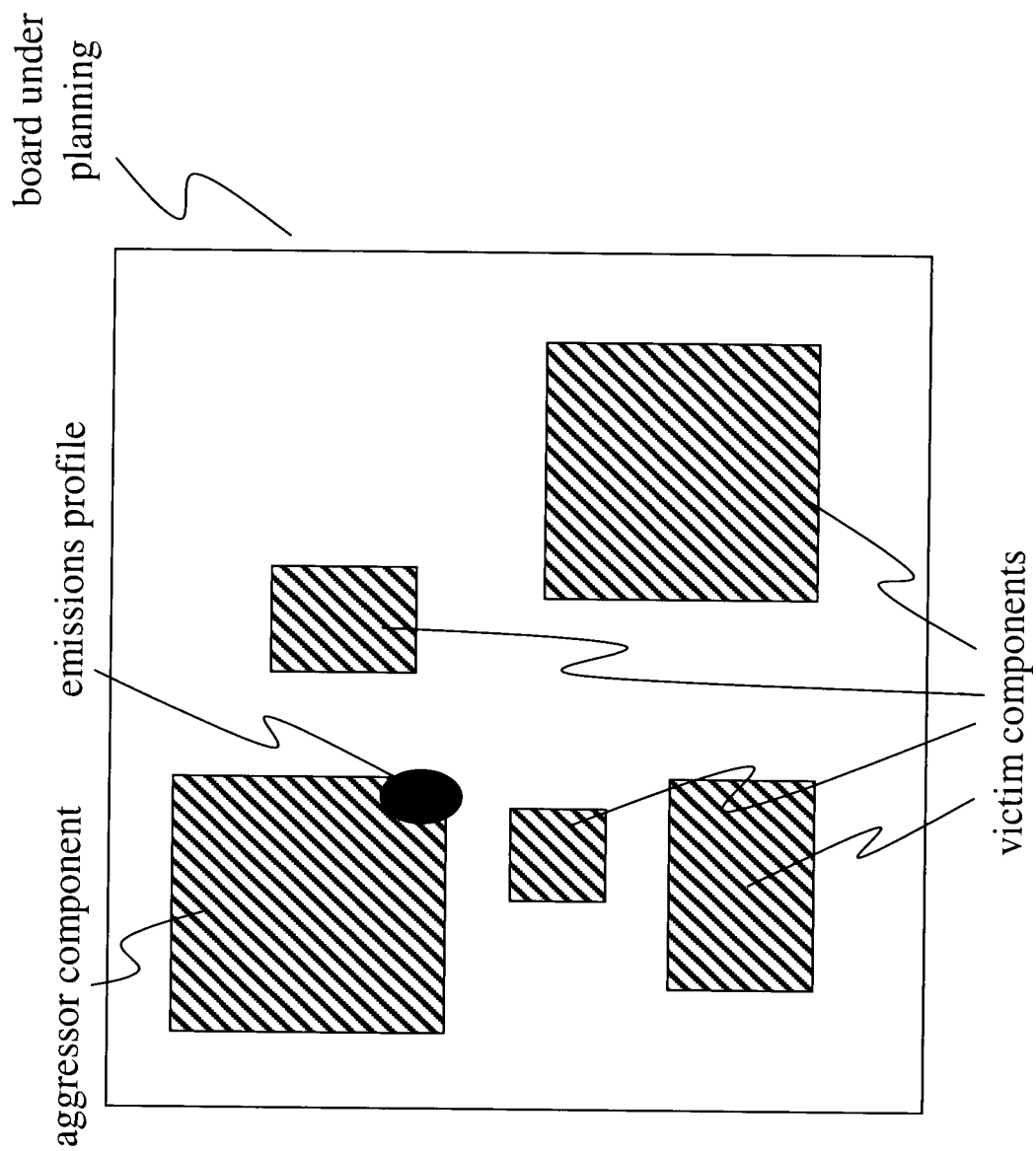


FIG. 79

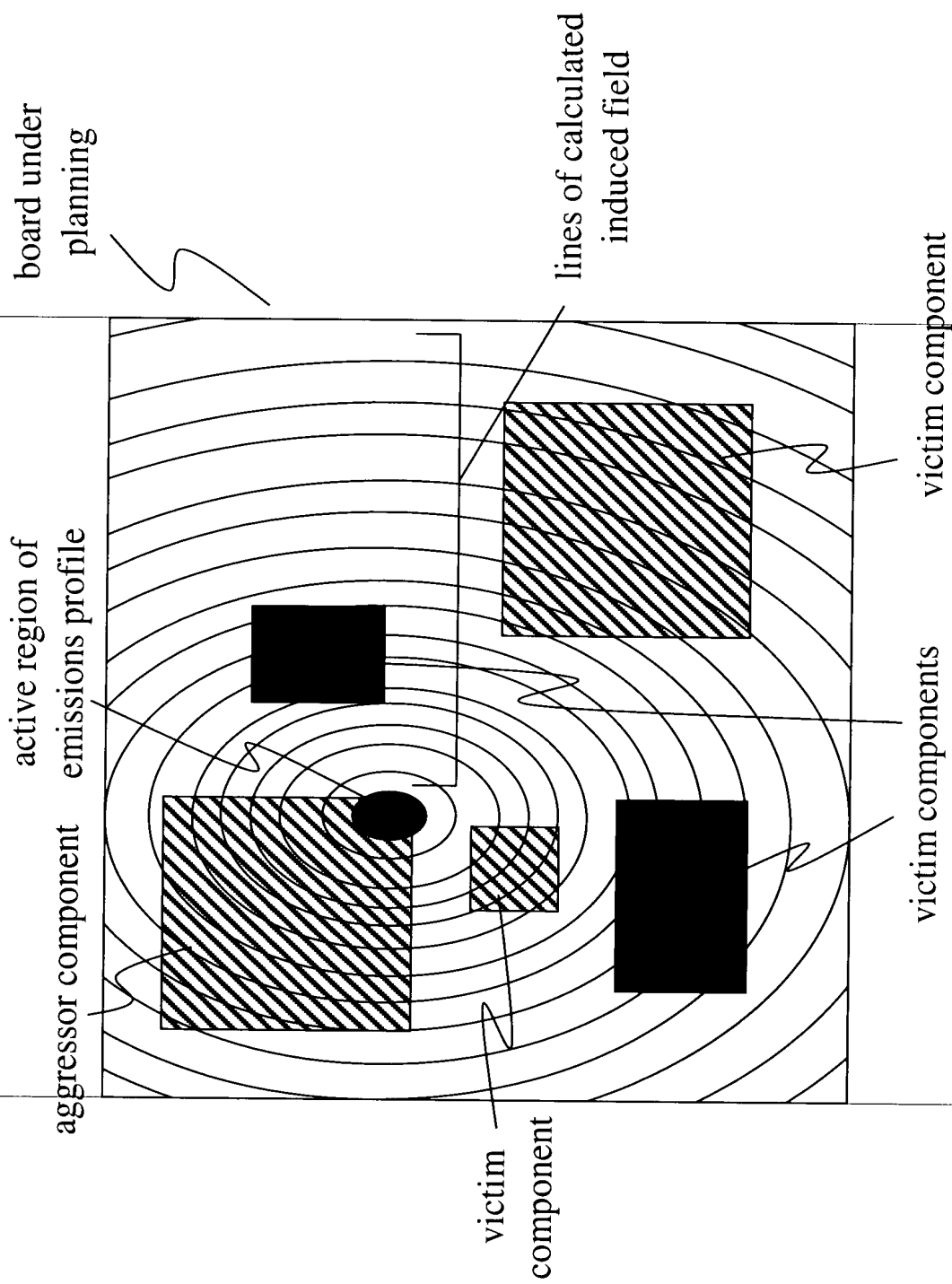


FIG. 80

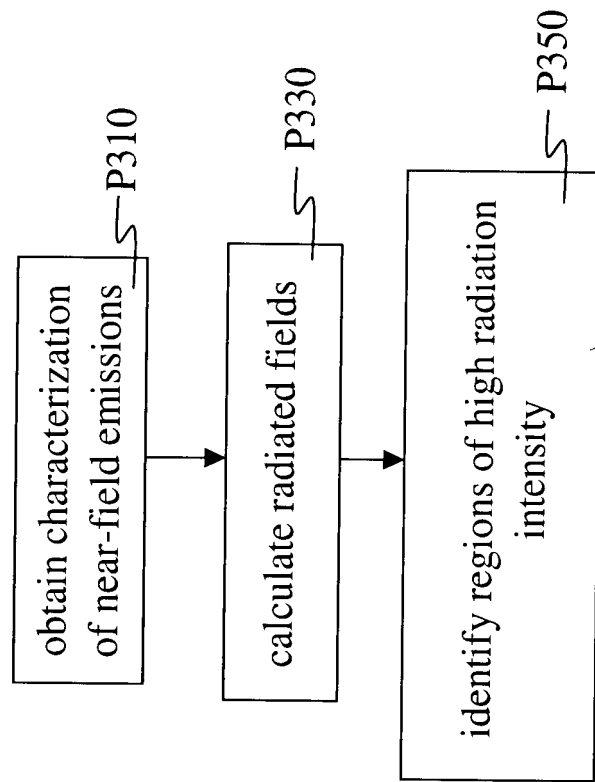


FIG. 81

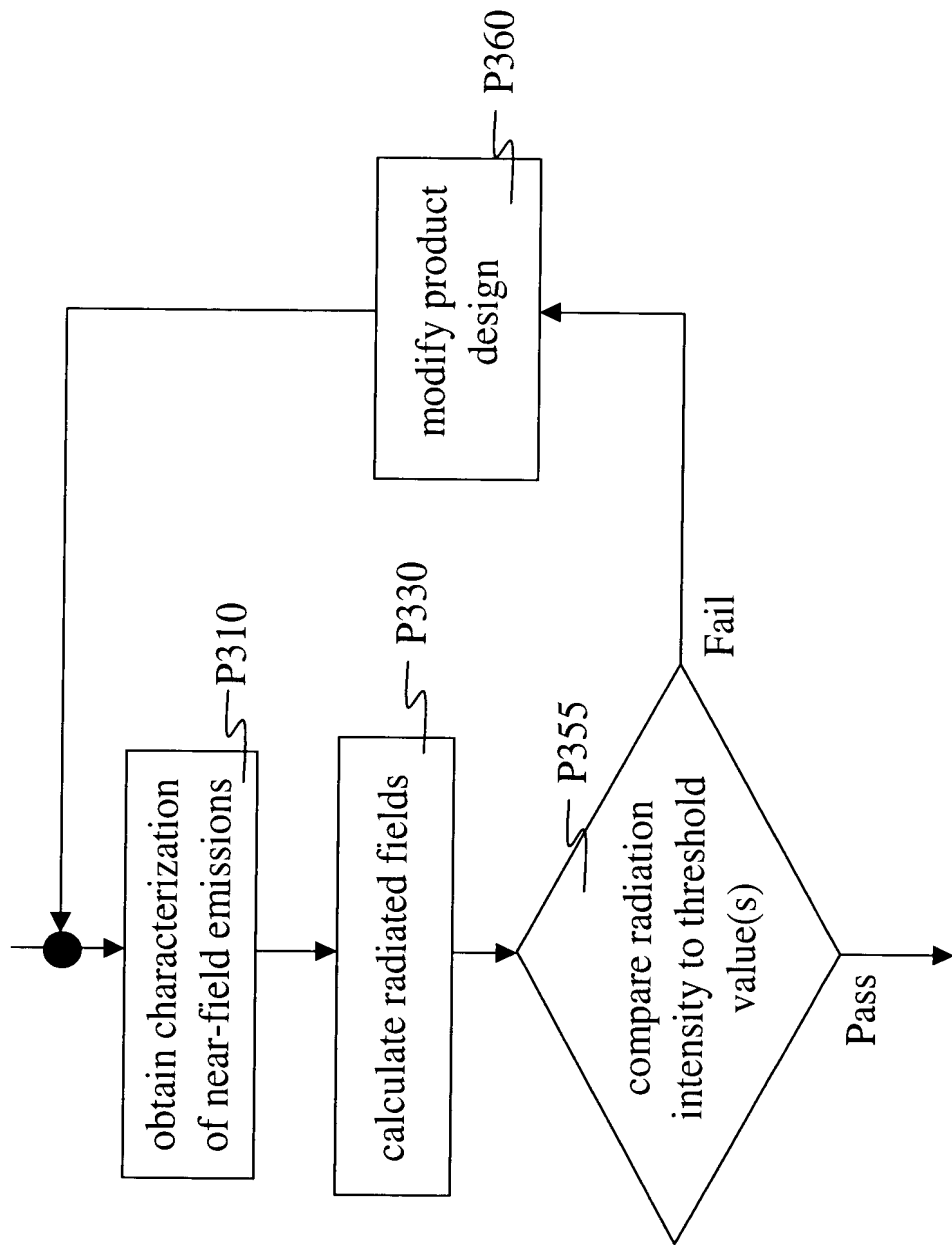


FIG. 82

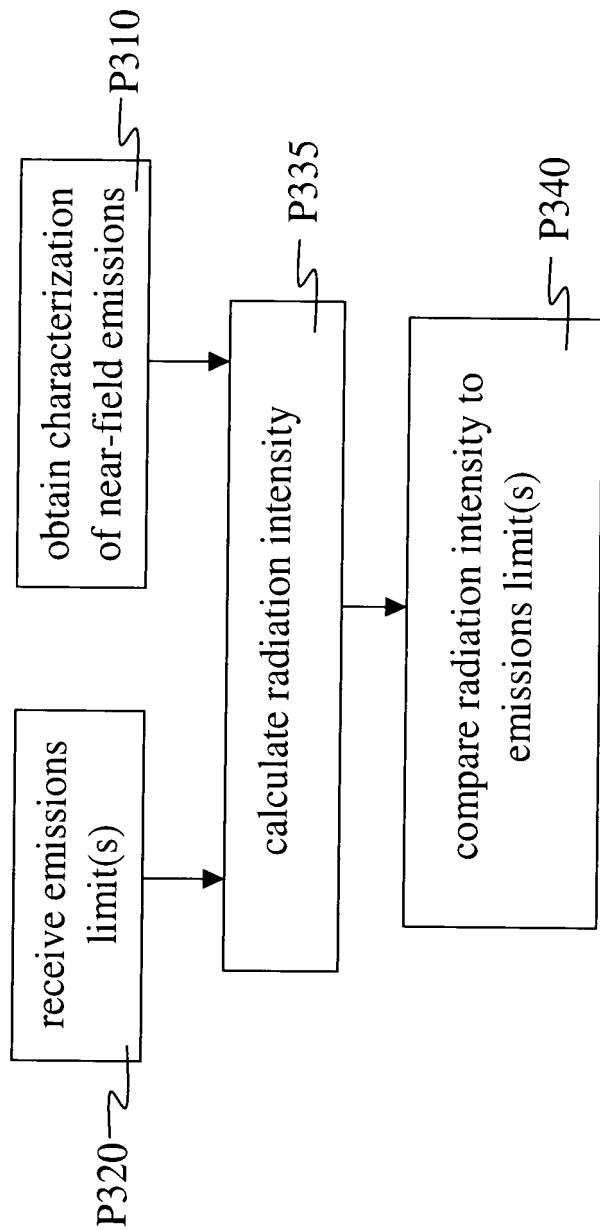


FIG. 83

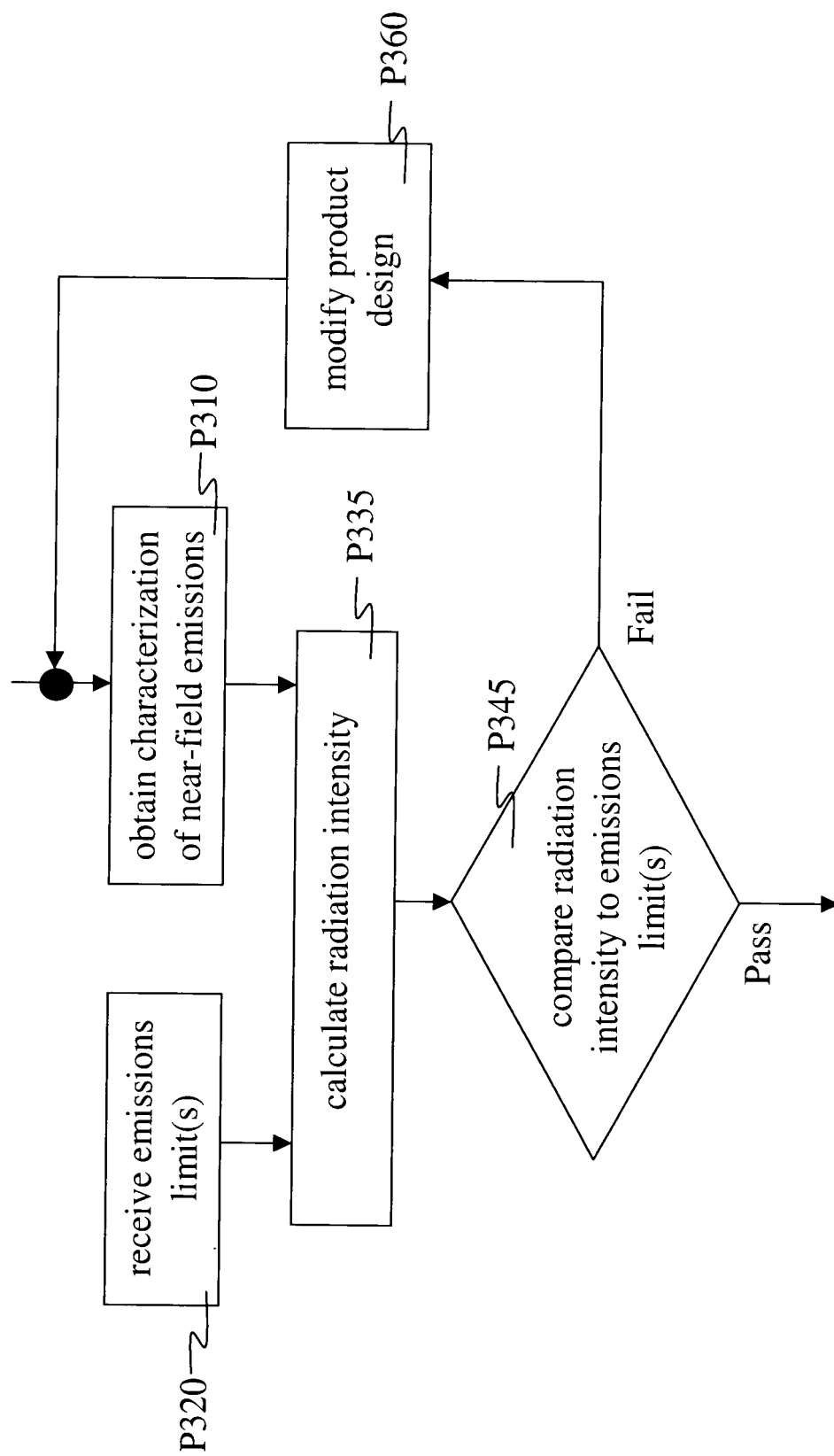


FIG. 84

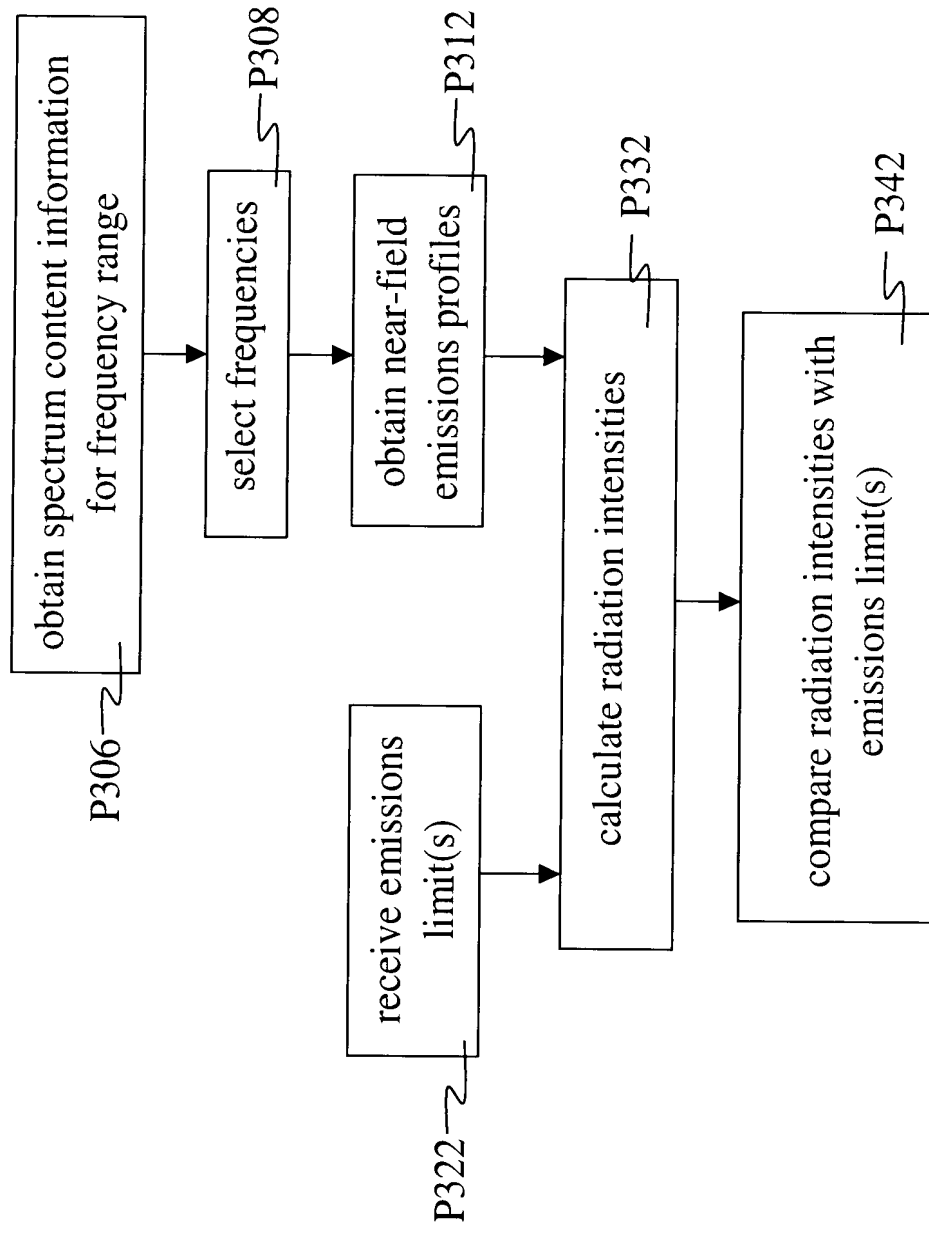


FIG. 85

FOCUS 24000

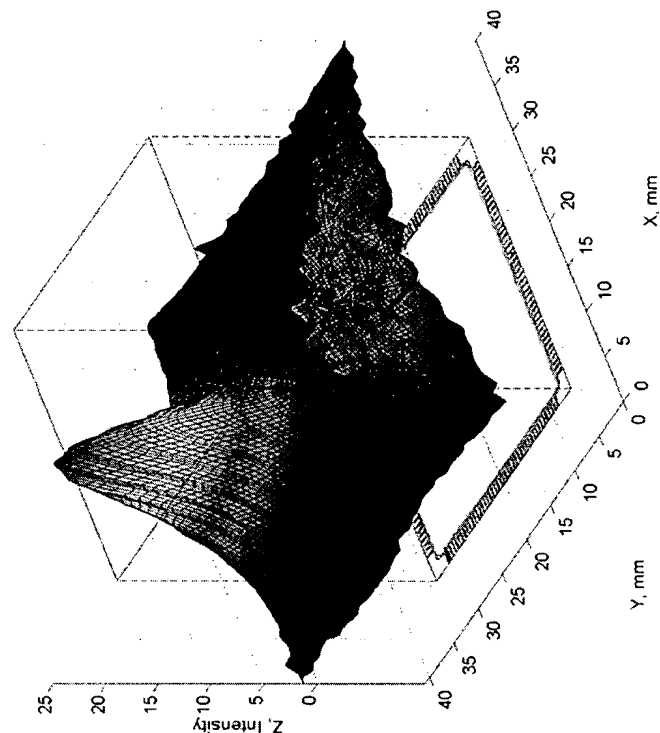
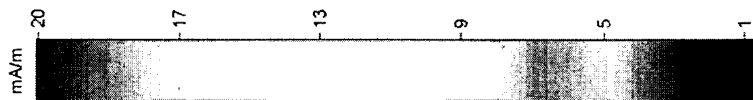
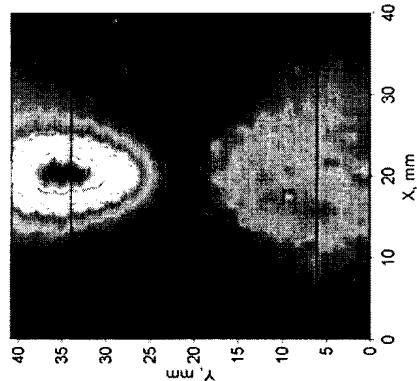
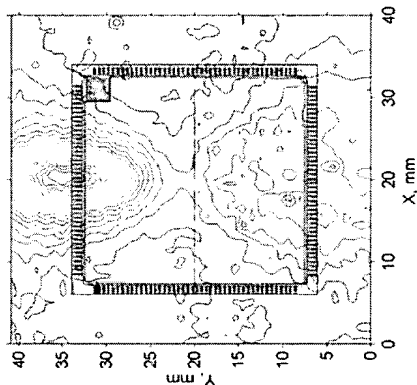
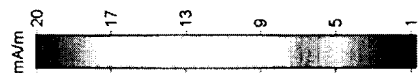


FIG. 86

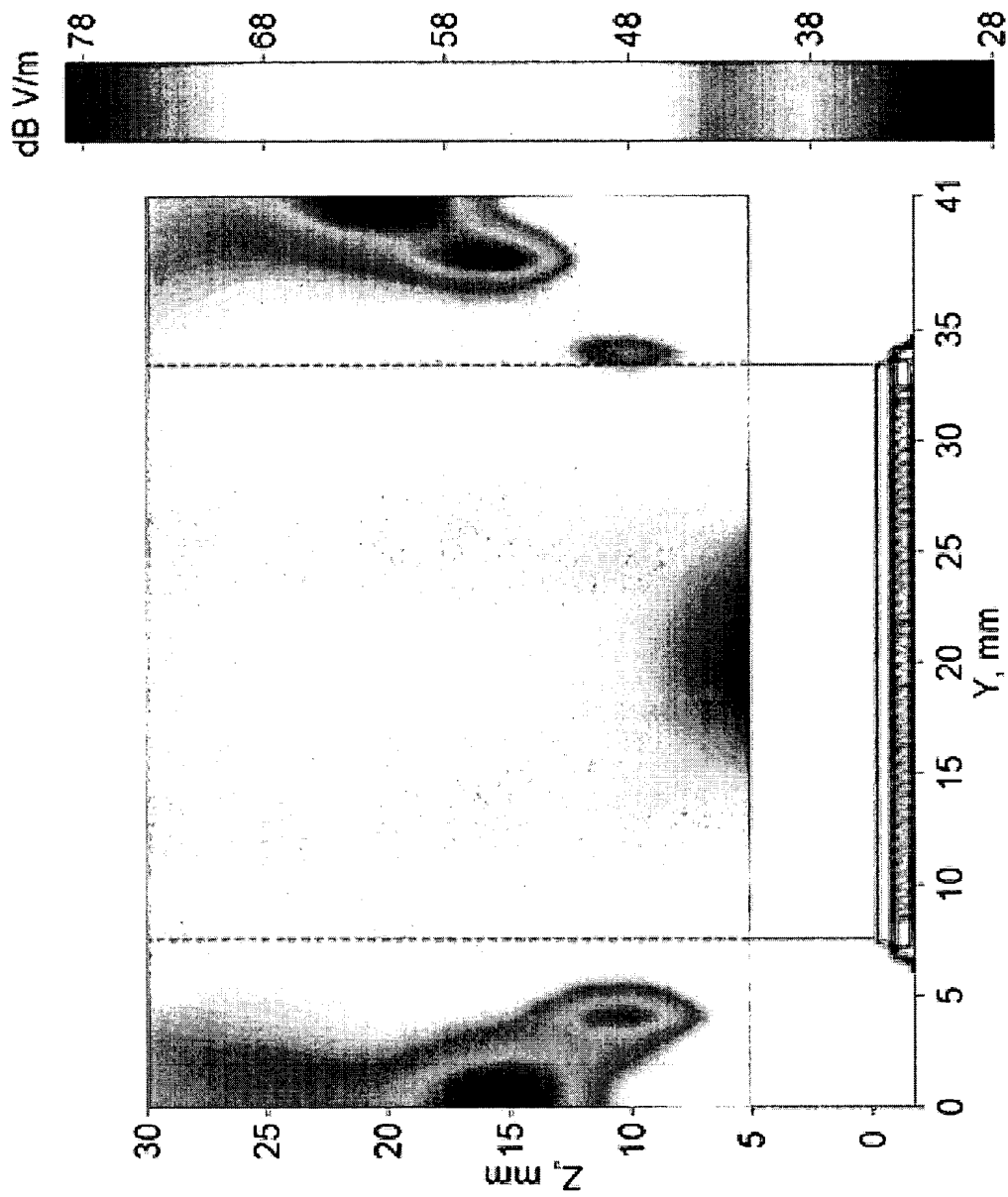


FIG. 87

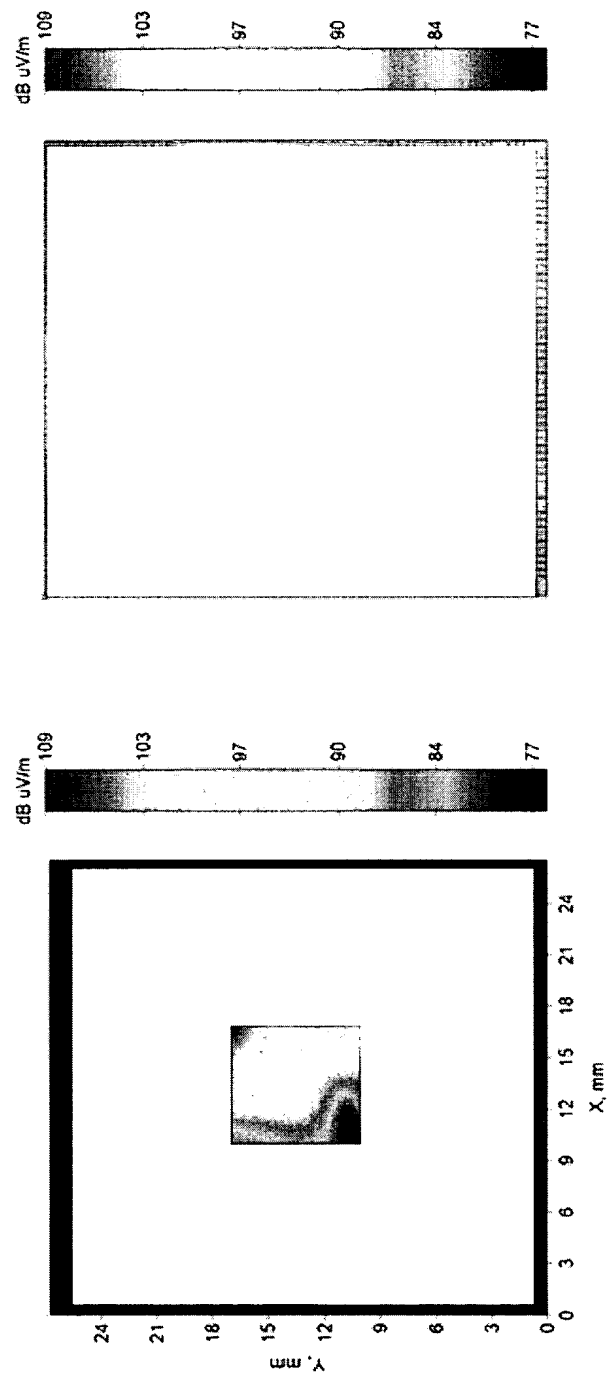


FIG. 88

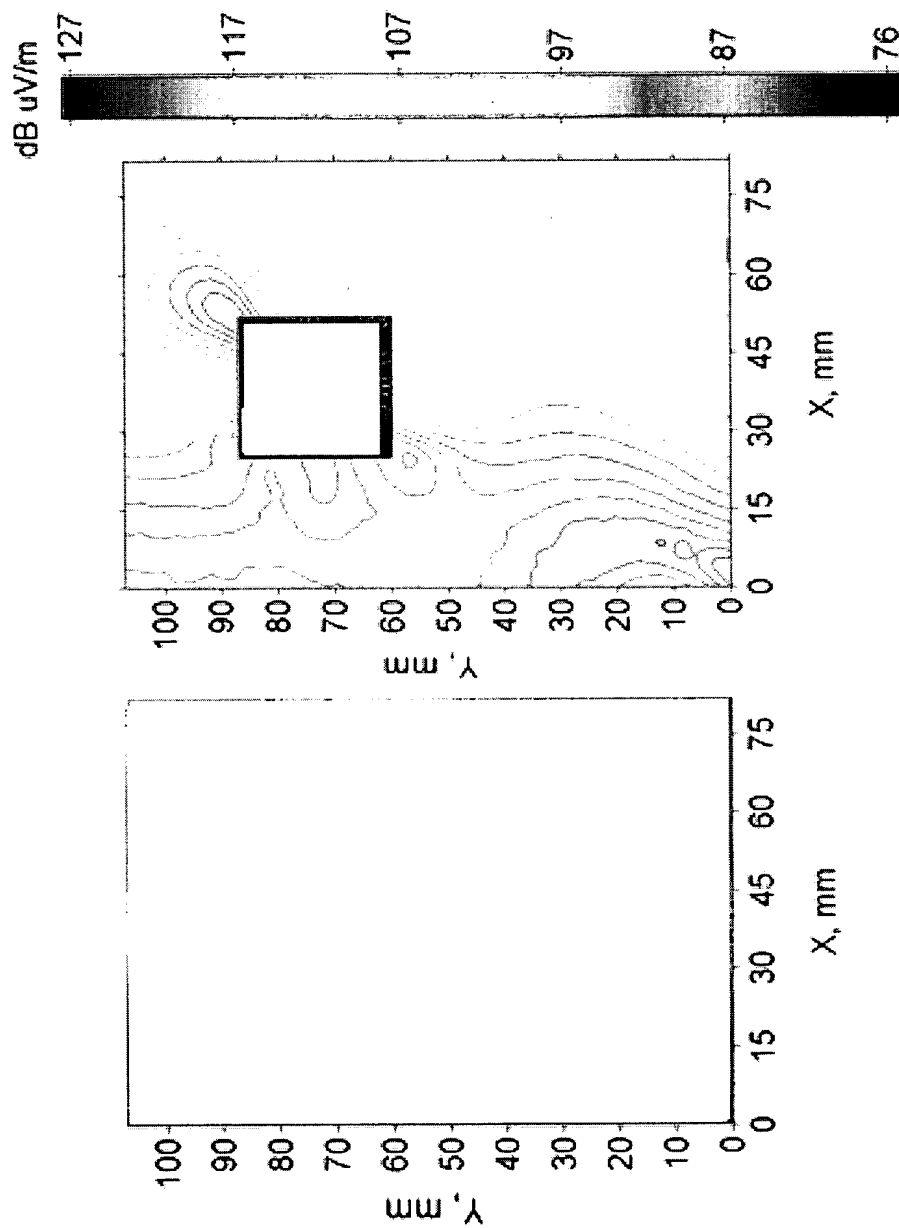


FIG. 89

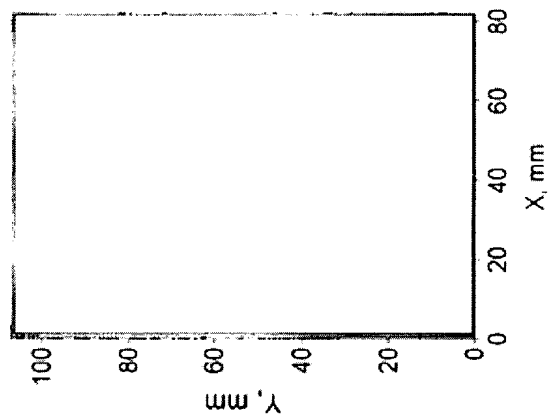
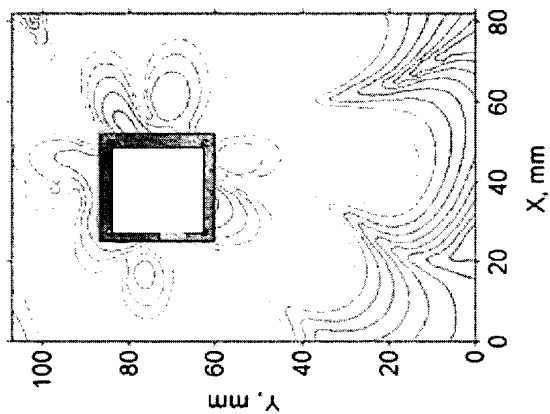
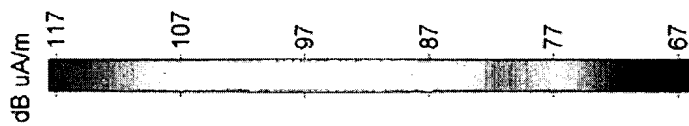
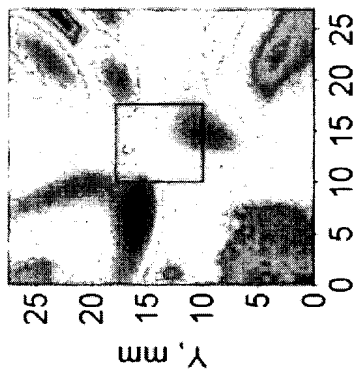
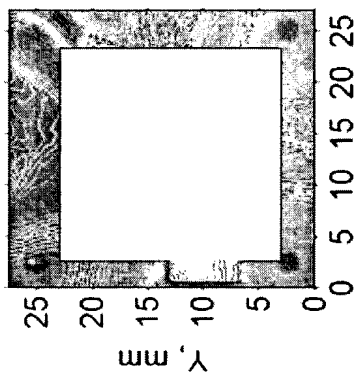
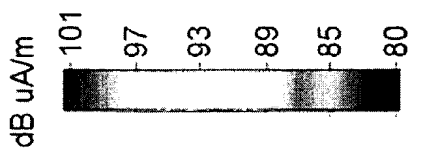


FIG. 90

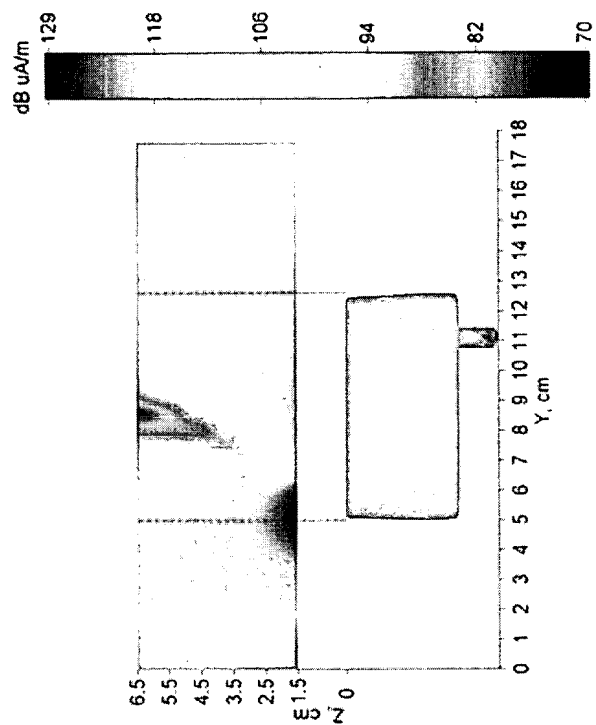
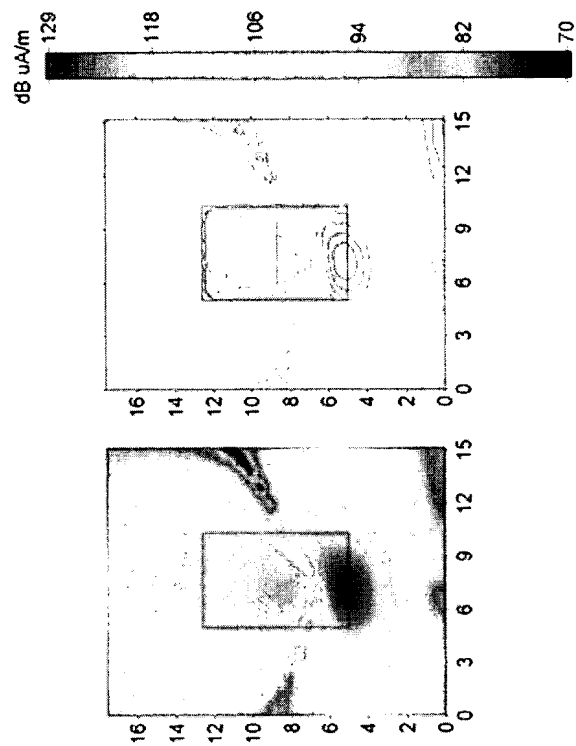


FIG. 92



70E050" E5H2E00

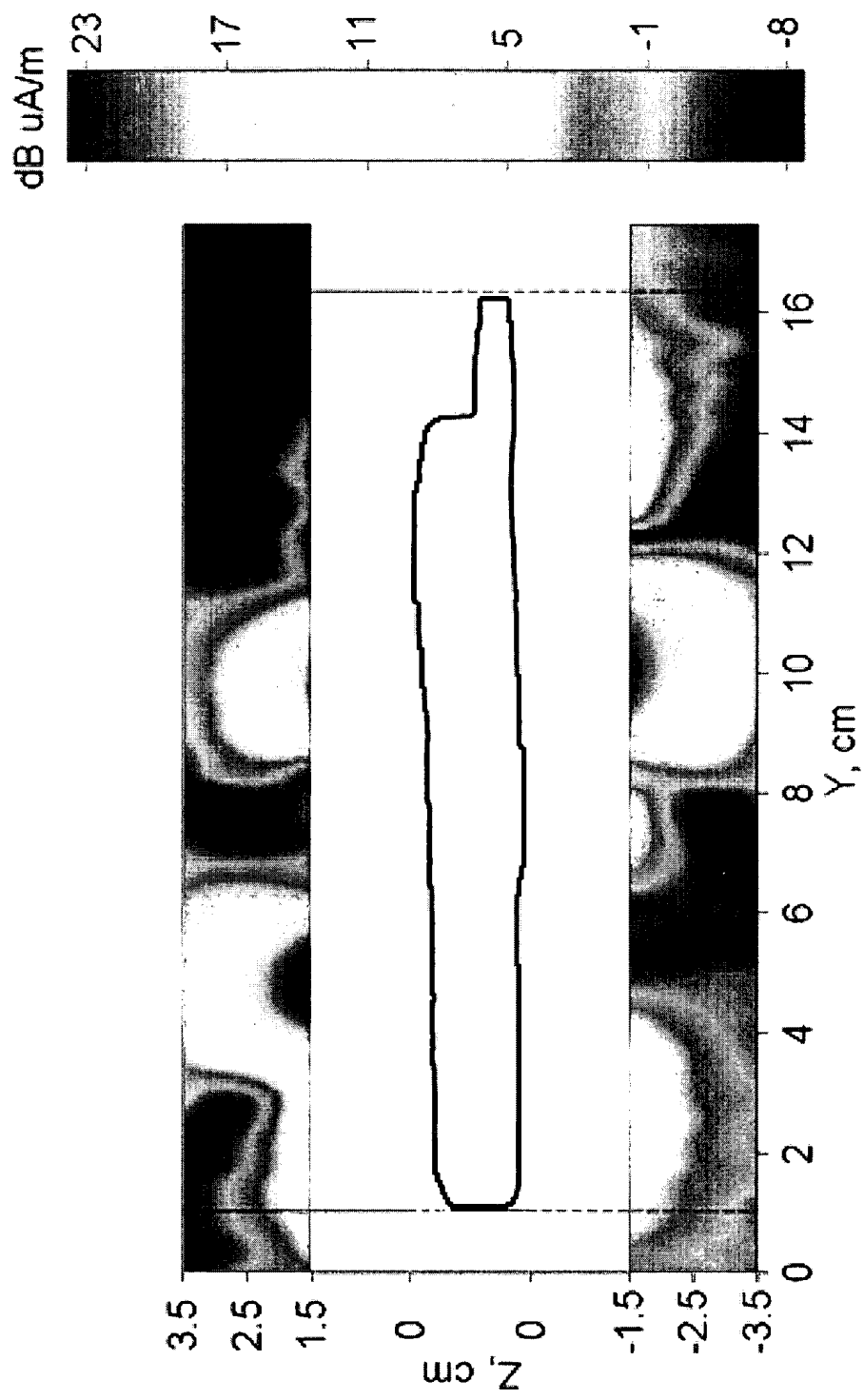


FIG. 93

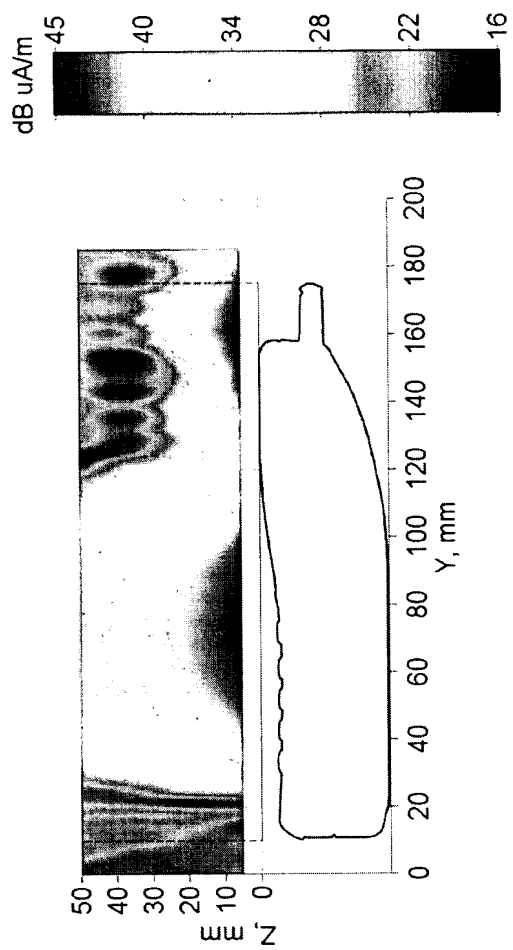
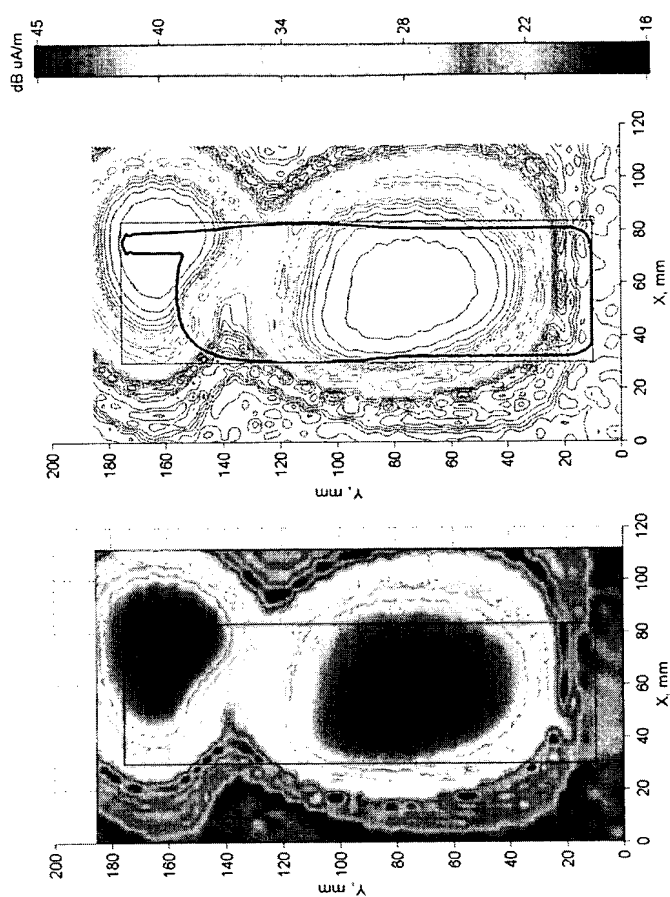


FIG. 94



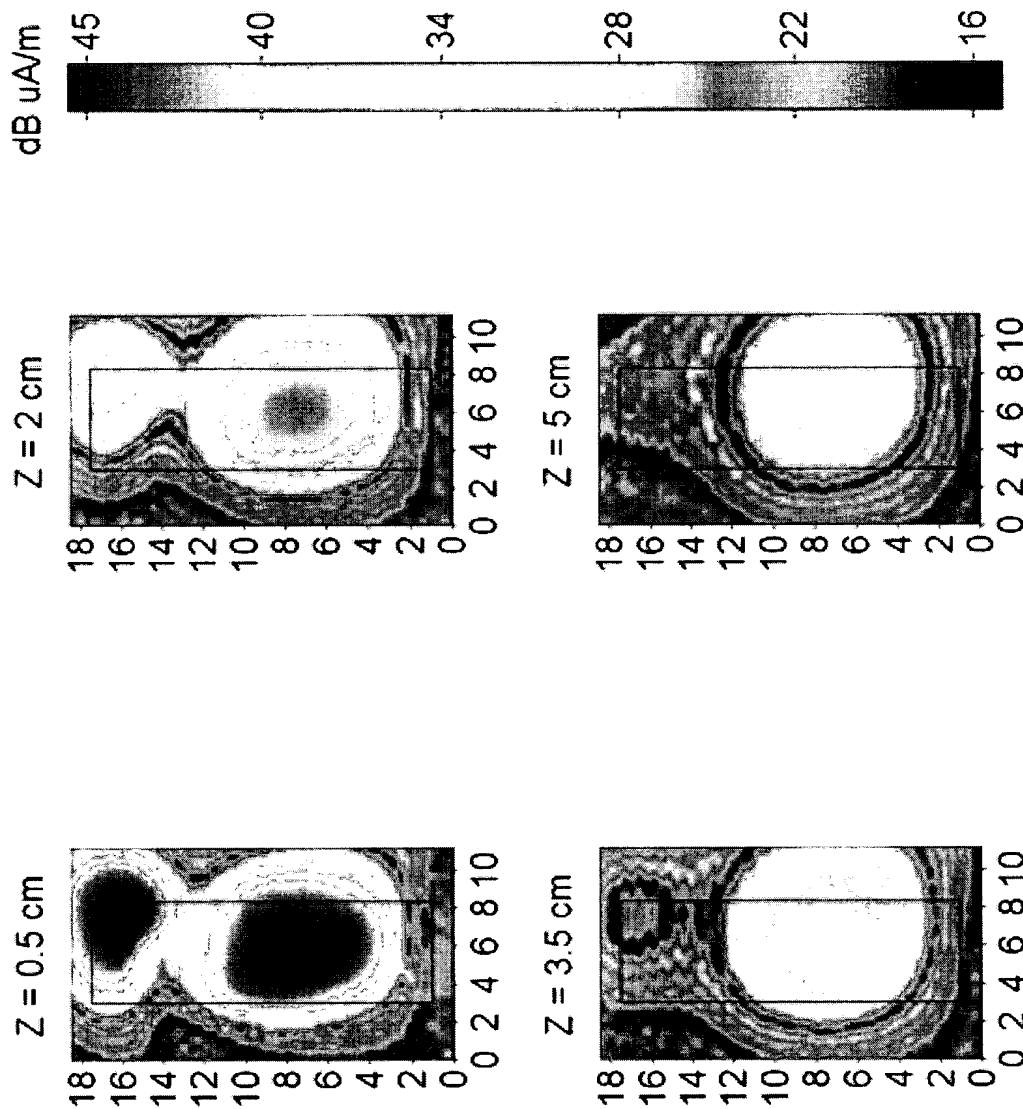


FIG. 95

FOCUS: 2.000

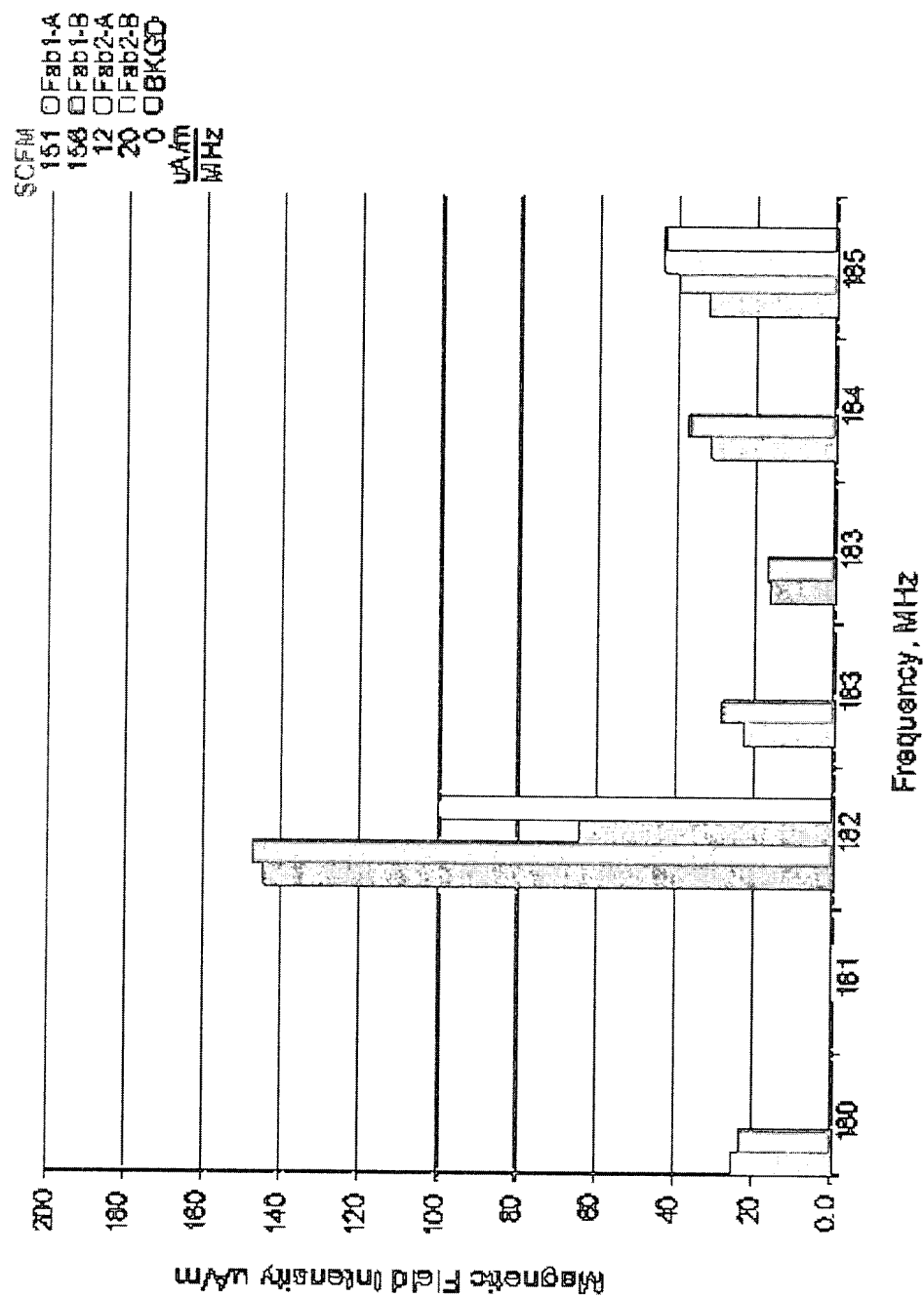


FIG. 96

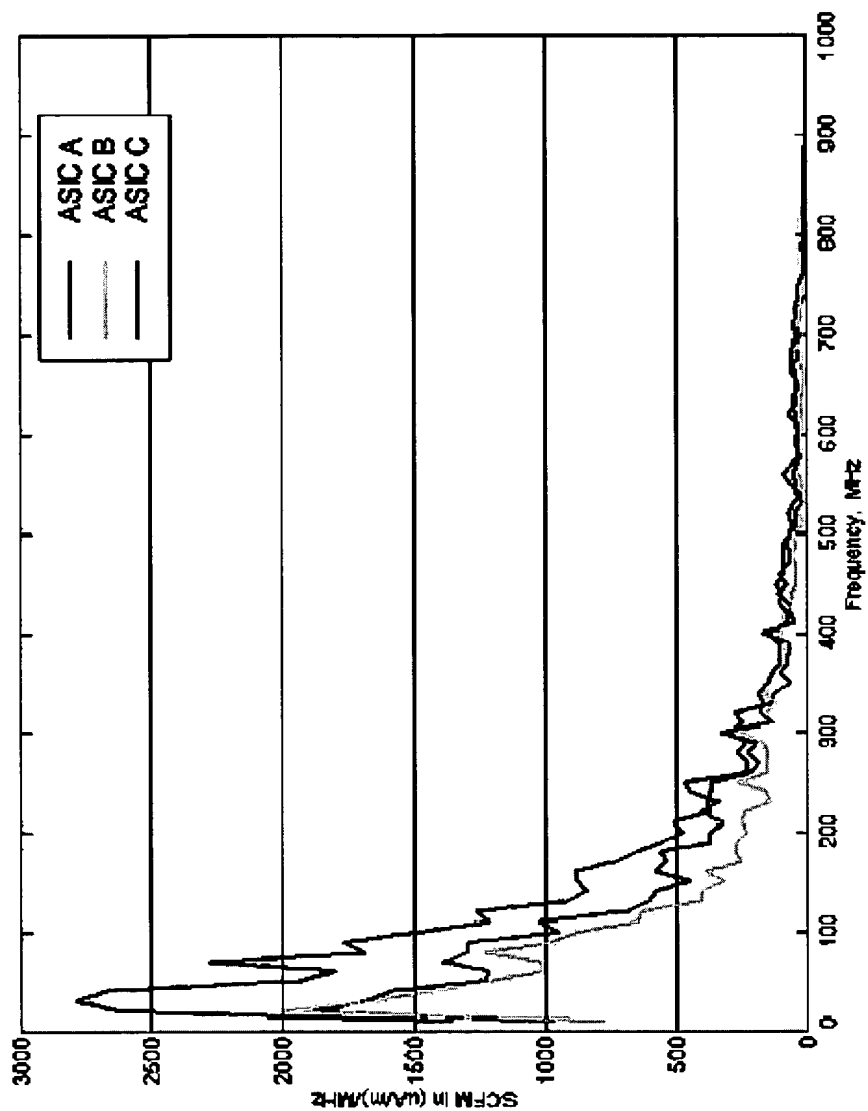
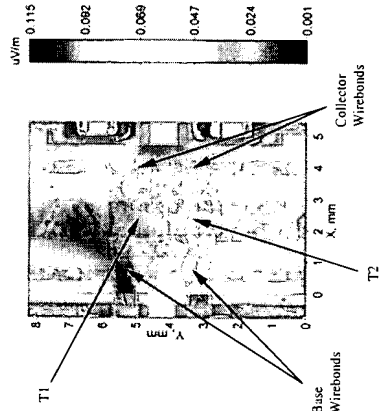
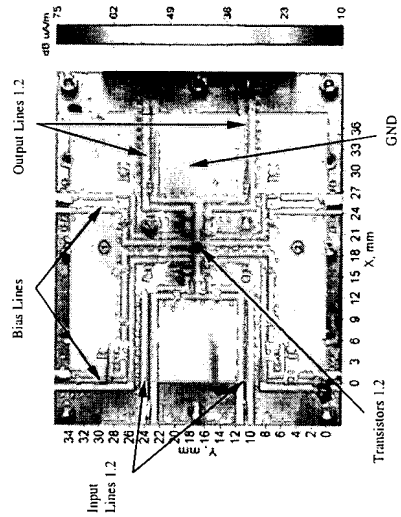


FIG. 97

FIG. 98



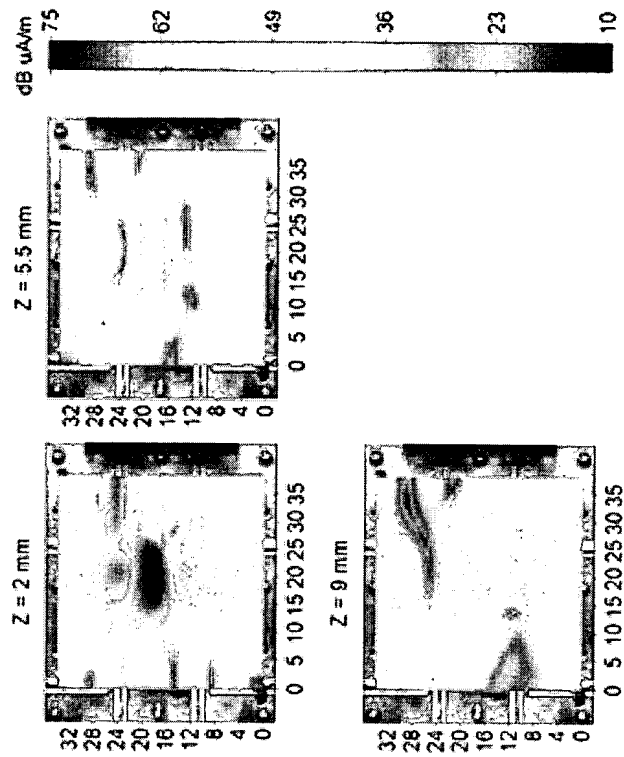


FIG. 99

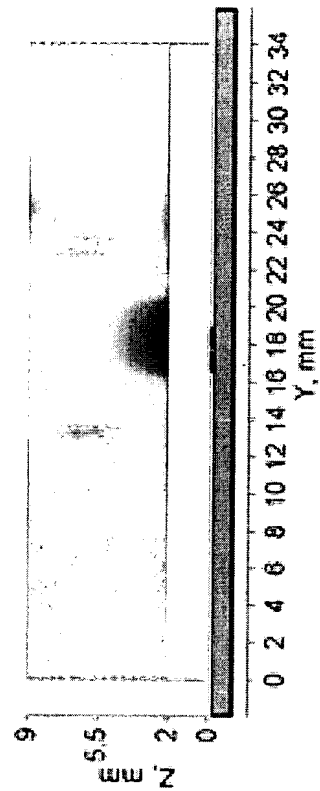


FIG. 100

